

NIRON[®]

Catalog

2015



APPROVED FOR POTABLE WATER

PP-RCT Piping Systems

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LEGEND

Code:	Nupi Americas item code
∅:	External diameter
SDR	Standard Nominal Ratio: ratio of pipe outside diameter to wall thickness (d_e/s)
Pack - Bag - Carton / Q.ty	Minimum quantity per pack (Packaging can change without any notice due to company needs)
Pallet/Q.ty:	Quantity per pallet
Weight lb/ft - lb/each:	Item weight per foot/piece
Volume ft³ /p:	Item volume - (Cubic feet)
ND	Nominal diameter
Price	Price per feet or per piece. All prices shown are in US Dollars.
	Suitable for water

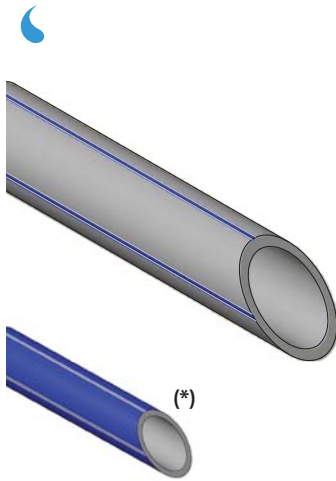
Note: We have made every attempt to report accuracy of the dimensions shown. However, we reserve the right to vary dimensions without notice, as the design of fittings change from time to time. Please consult the factory or your Niron representative for the most current dimensional information regarding the parts shown herein.

PP-RCT PIPES - PRODUCT RANGE & APPLICATIONS

	RANGE NAME	PRODUCT NAME	PRODUCT IDENTIFICATION COLOR	COMPOSITION	SDR	from Ø	to Ø
●	NIRON	BLUE	GREY + BLUE STRIPES	100% PP-RCT	7.3	½"	¾"
●	NIRON	BLUE	GREY + BLUE STRIPES	100% PP-RCT	9	1"	1"
●	NIRON	BLUE	GREY + BLUE STRIPES	100% PP-RCT	11	1¼"	6"
●	NIRON	BLUE	GREY + BLUE STRIPES	100% PP-RCT	17	2"	6"
●	NIRON	MONO GREY	GREY	100% PP-RCT	7.3	½"	¾"
●	NIRON	MONO GREY	GREY	100% PP-RCT	9	1"	1"
●	NIRON	MONO GREY	GREY	100% PP-RCT	11	1¼"	24"
●	NIRON	MONO GREY	GREY	100% PP-RCT	17	2"	24"
●	NIRON	FG RED	GREY + RED STRIPES	PP-RCT + FG FILLED LAYER	7.3	½"	6"
●	NIRON	FG RED	GREY + RED STRIPES	PP-RCT + FG FILLED LAYER	9	1"	6"
●	NIRON	FG RED	GREY + RED STRIPES	PP-RCT + FG FILLED LAYER	11	1¼"	6"
●	NIRON	CLIMA	GREY	PP-RCT + FG FILLED LAYER	7.3	½"	6"
●	NIRON	CLIMA	GREY	PP-RCT + FG FILLED LAYER	9	1"	1"
●	NIRON	CLIMA	GREY	PP-RCT + FG FILLED LAYER	11	1¼"	16"
●	NIRON	CLIMA	GREY	PP-RCT + FG FILLED LAYER	17	2"	24"
●	NIRON	11 DARK	GREY + BLACK EXTERIOR	PP-RCT + FG LAYER + HDPE	11	1"	16"

	HVACR						
Drinking water		Swimming pools	Chemical fluids	Compressed air	Heating	Geothermal applications	Ship building industry
●	●	●	●	●	●	●	●
●	●	●		●	●	●	●
●	●	●	●	●	●	●	●
●	●	●		●	●	●	●
●	●				●	●	●

1. PP-RCT PIPING



NIRON MONO BLUE PP-RCT PIPE

Pipe structure: Monolayer pipe

Material: PP-RCT

Color: Grey with blue stripes available now

(*) Blue with grey stripes available in the future

Range: From $\varnothing 1/2"$ to $\varnothing 6"$

Packaging: Straight length 20 ft

Applications:



FIG.1A

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 7.3							
27TNIRRB2073	1/2"	7.3	500	0.10	1/2" => 20 mm	0.11	0.57
27TNIRRB2573	3/4"	7.3	500	0.15	3/4" => 25 mm	0.14	0.71
SDR 9							
27TNIRRB329	1"	9	300	0.21	1" => 32 mm	0.14	0.98
SDR 11							
27TNIRRB4011	1 1/4"	11	200	0.27	1 1/4" => 40 mm	0.15	1.28
27TNIRRB5011	1 1/2"	11	100	0.42	1 1/2" => 50 mm	0.18	1.61
27TNIRRB6311	2"	11	80	0.67	2" => 63 mm	0.23	2.02
27TNIRRB7511	2 1/2"	11	60	0.92	2 1/2" => 75 mm	0.27	2.42
27TNIRRB9011	3"	11	40	1.34	3" => 90 mm	0.32	2.90
27TNIRRB11011	4"	11	40	1.99	4" => 110 mm	0.39	3.54
27TNIRRB12511	5"	11	20	2.58	5" => 125 mm	0.45	4.02
27TNIRRB16011	6"	11	20	4.18	6" => 160 mm	0.57	5.15
SDR17							
27TNIRRB6317	2"	17	80	0.46	2" => 63 mm	0.15	2.18
27TNIRRB7517	2 1/2"	17	60	0.65	2 1/2" => 75 mm	0.18	2.61
27TNIRRB9017	3"	17	40	0.93	3" => 90 mm	0.21	3.11
27TNIRRB11017	4"	17	40	1.36	4" => 110 mm	0.26	3.83
27TNIRRB12517	5"	17	20	1.75	5" => 125 mm	0.29	4.34
27TNIRRB16017	6"	17	20	2.86	6" => 160 mm	0.37	5.56

NIRON MONO GREY PP-RCT PIPE



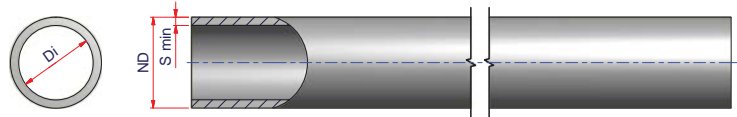
Pipe structure: Monolayer pipe

Material: PP-RCT

Color: Grey

Range: $\varnothing 1/2'' \div \varnothing 24''$

Packaging: Straight length 20 ft



Applications:



FIG.2A

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 7.3							
27TNIRR2073	1/2"	7.3	500	0.10	1/2" => 20 mm	0.11	0.57
27TNIRR2573	3/4"	7.3	500	0.15	3/4" => 25 mm	0.14	0.71
SDR 9							
27TNIRR329	1"	9	300	0.21	1" => 32 mm	0.14	1.03
SDR 11							
27TNIRR4011	1 1/4"	11	200	0.27	1 1/4" => 40 mm	0.15	1.28
27TNIRR5011	1 1/2"	11	100	0.42	1 1/2" => 50 mm	0.18	1.61
27TNIRR6311	2"	11	80	0.67	2" => 63 mm	0.23	2.02
27TNIRR7511	2 1/2"	11	60	0.92	2 1/2" => 75 mm	0.27	2.42
27TNIRR9011	3"	11	40	1.34	3" => 90 mm	0.32	2.90
27TNIRR11011	4"	11	40	1.99	4" => 110 mm	0.39	3.54
27TNIRR12511	5"	11	20	2.58	5" => 125 mm	0.45	4.02
27TNIRR16011	6"	11	20	4.18	6" => 160 mm	0.57	5.15
27TNIRR20011	8"	11	20	6.56	8" => 200 mm	0.72	6.44
27TNIRR25011	10"	11	20	10.08	10" => 250 mm	0.89	8.06
27TNIRR31511	12"	11	20	15.93	12" => 315 mm	1.13	10.15
27TNIRR35511	14"	11	20	20.16	14" => 355 mm	1.27	11.44
27TNIRR40011	16"	11	20	25.67	16" => 400 mm	1.43	12.89
27TNIRR45011	18"	11	20	32.32	18" => 450 mm	1.61	14.50
27TNIRR50011	20"	11	20	39.72	20" => 500 mm	1.79	16.11
27TNIRR56011	22"	11	20	49.73	22" => 560 mm	2.00	18.05
27TNIRR63011	24"	11	20	62.83	24" => 630 mm	2.25	20.30



NIRON MONO GREY PP-RCT PIPE



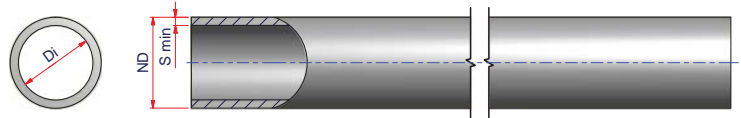
Pipe structure: Monolayer pipe

Material: PP-RCT

Color: Grey

Range: $\varnothing 2'' \div \varnothing 24''$

Packaging: Straight length 20 ft

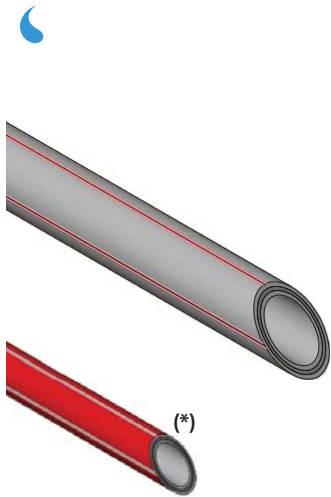


Applications:



FIG.2A

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 17							
27TNIRR6317	2"	17	80	0.46	2" => 63 mm	0.15	2.18
27TNIRR7517	2 1/2"	17	60	0.65	2 1/2" => 75 mm	0.18	2.60
27TNIRR9017	3"	17	40	0.93	3" => 90 mm	0.21	3.12
27TNIRR11017	4"	17	40	1.36	4" => 110 mm	0.26	3.81
27TNIRR12517	5"	17	20	1.75	5" => 125 mm	0.29	4.34
27TNIRR16017	6"	17	20	2.86	6" => 160 mm	0.37	5.55
27TNIRR20017	8"	17	20	4.39	8" => 200 mm	0.47	6.94
27TNIRR25017	10"	17	20	6.91	10" => 250 mm	0.58	8.68
27TNIRR31517	12"	17	20	10.93	12" => 315 mm	0.74	10.93
27TNIRR35517	14"	17	20	13.83	14" => 355 mm	0.83	12.31
27TNIRR40017	16"	17	20	17.50	16" => 400 mm	0.93	13.88
27TNIRR45017	18"	17	20	22.08	18" => 450 mm	1.05	15.61
27TNIRR50017	20"	17	20	27.21	20" => 500 mm	1.17	17.35
27TNIRR56017	22"	17	20	33.96	22" => 560 mm	1.31	19.43
27TNIRR63017	24"	17	20	42.90	24" => 630 mm	1.47	21.86



NIRON MULTI FG RED PP-RCT PIPE FOR HOT WATER

Pipe structure: Multiayer pipe

Material: PP-RCT + Fiberglass

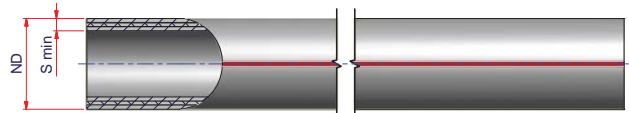
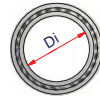
Grey with red stripes available now

(*) Red with grey stripes available in the future

Range: $\varnothing 1/2'' \div \varnothing 6''$

Packaging: Straight length 20 ft

Notes: Triple layer pipe with fiberglass added to middle layer



Applications:

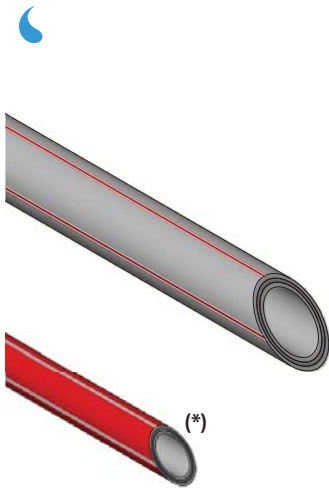


FIG. 1B

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 7.3							
27TNIRRF2073	1/2"	7.3	500	0.11	1/2" => 20 mm	0.11	0.57
27TNIRRF2573	3/4"	7.3	500	0.16	3/4" => 25 mm	0.14	0.71
27TNIRRF3273	1"	7.3	300	0.26	1" => 32 mm	0.17	0.91
27TNIRRF4073	1 1/4"	7.3	200	0.40	1 1/4" => 40 mm	0.22	1.14
27TNIRRF5073	1 1/2"	7.3	100	0.61	1 1/2" => 50 mm	0.27	1.43
27TNIRRF6373	2"	7.3	80	0.97	2" => 63 mm	0.34	1.80
27TNIRRF7573	2 1/2"	7.3	60	1.38	2 1/2" => 75 mm	0.41	2.14
27TNIRRF9073	3"	7.3	40	1.98	3" => 90 mm	0.48	2.57
27TNIRRF11073	4"	7.3	40	2.93	4" => 110 mm	0.59	3.14
27TNIRRF12573	5"	7.3	20	3.77	5" => 125 mm	0.67	3.57
27TNIRRF16073	6"	7.3	20	6.11	6" => 160 mm	0.86	4.57

SDR 9

27TNIRRF329	1"	9	300	0.22	1" => 32 mm	0.14	0.98
27TNIRRF409	1 1/4"	9	200	0.34	1 1/4" => 40 mm	0.17	1.23
27TNIRRF509	1 1/2"	9	100	0.52	1 1/2" => 50 mm	0.22	1.53
27TNIRRF639	2"	9	80	0.84	2" => 63 mm	0.28	1.93
27TNIRRF759	2 1/2"	9	60	1.17	2 1/2" => 75 mm	0.33	2.29
27TNIRRF909	3"	9	40	1.68	3" => 90 mm	0.39	2.75
27TNIRRF1109	4"	9	40	2.50	4" => 110 mm	0.48	3.37
27TNIRRF1259	5"	9	20	3.23	5" => 125 mm	0.55	3.82
27TNIRRF1609	6"	9	20	5.24	6" => 160 mm	0.72	4.89



NIRON MULTI FG RED PP-RCT PIPE FOR HOT WATER

Pipe structure: Multiayer pipe

Material: PP-RCT + Fiberglass

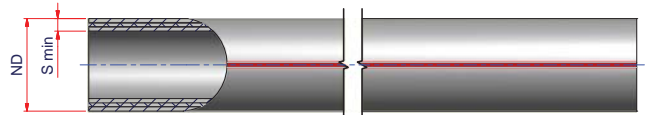
Grey with red stripes available now

(*) Red with grey stripes available in the future

Range: $\varnothing 1 \frac{1}{4}'' \div \varnothing 6''$

Packaging: Straight length 20 ft

Notes: Triple layer pipe with fiberglass added to middle layer

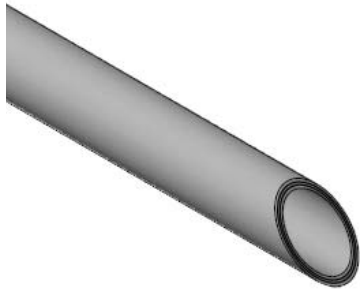


Applications:



FIG. 1B

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 11							
27TNIRRF4011	1 ¼"	11	200	0.29	1 ¼" => 40 mm	0.15	1.28
27TNIRRF5011	1 ½"	11	100	0.45	1 ½" => 50 mm	0.18	1.61
27TNIRRF6311	2"	11	80	0.70	2" => 63 mm	0.23	2.02
27TNIRRF7511	2 ½"	11	60	0.97	2 ½" => 75 mm	0.27	2.42
27TNIRRF9011	3"	11	40	1.40	3" => 90 mm	0.32	2.90
27TNIRRF11011	4"	11	40	2.08	4" => 110 mm	0.39	3.54
27TNIRRF12511	5"	11	20	2.70	5" => 125 mm	0.45	4.02
27TNIRRF16011	6"	11	20	4.37	6" => 160 mm	0.57	5.15



NIRON MULTI CLIMA PP-RCT PIPE

Pipe structure: Multilayer pipe

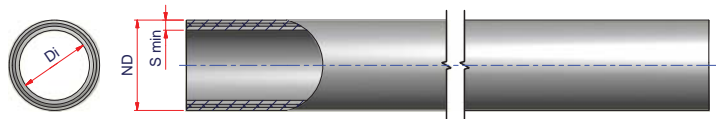
Material: PP-RCT + Fiberglass

Color: Grey

Range: $\varnothing 1/2'' \div 14\varnothing$

Packaging: Straight length 20 ft

Notes: Triple layer pipe with fiberglass added to middle layer



Applications:

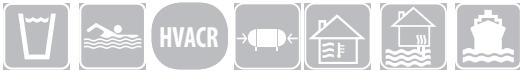
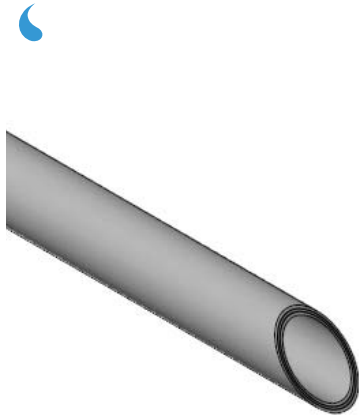


FIG. 1C

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 7.3							
27TNIRCL2073	1/2"	7.3	500	0.11	1/2" => 20 mm	0.11	0.57
27TNIRCL2573	3/4"	7.3	500	0.17	3/4" => 25 mm	0.14	0.71
27TNIRCL3273	1"	7.3	300	0.27	1" => 32 mm	0.17	0.91
27TNIRCL4073	1 1/4"	7.3	200	0.50	1 1/4" => 40 mm	0.22	1.14
27TNIRCL5073	1 1/2"	7.3	100	0.78	1 1/2" => 50 mm	0.27	1.43
27TNIRCL6373	2"	7.3	80	1.21	2" => 63 mm	0.34	1.80
27TNIRCL7573	2 1/2"	7.3	60	1.72	2 1/2" => 75 mm	0.41	2.14
27TNIRCL9073	3"	7.3	40	2.46	3" => 90 mm	0.48	2.57
27TNIRCL11073	4"	7.3	40	3.69	4" => 110 mm	0.59	3.14
27TNIRCL12573	5"	7.3	20	4.72	5" => 125 mm	0.67	3.57
27TNIRCL16073	6"	7.3	20	7.67	6" => 160 mm	0.86	4.57
27TNIRCL20073	8"	7.3	20	10.43	8" => 200 mm	1.08	5.72
27TNIRCL25073	10"	7.3	20	16.33	10" => 250 mm	1.35	7.15
27TNIRCL31573	12"	7.3	20	25.70	12" => 315 mm	1.70	9.00
27TNIRCL35573	14"	7.3	20	32.34	14" => 355 mm	1.91	10.16



NIRON MULTI CLIMA PP-RCT PIPE

Pipe structure: Multilayer pipe

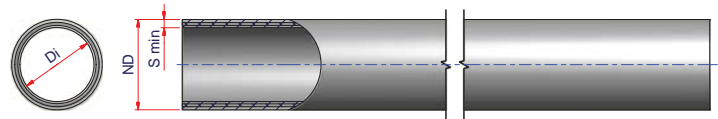
Material: PP-RCT + Fiberglass

Color: Grey

Range: $\varnothing 1''$ (SDR 9) - $\varnothing 1 \frac{1}{4}''$ ÷ $\varnothing 16''$ (SDR11)

Packaging: Straight length 20 ft

Notes: Triple layer pipe with fiberglass added to middle layer



Applications:

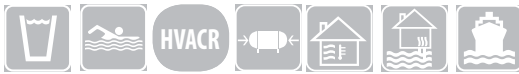
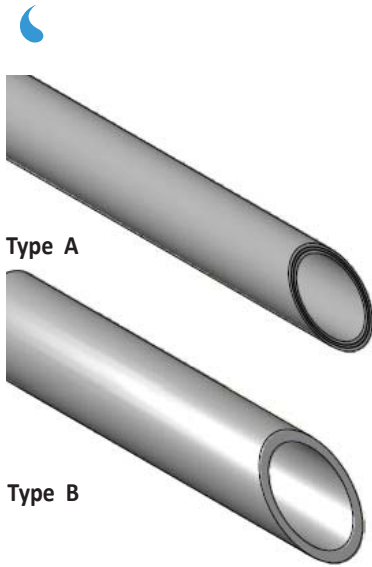


FIG. 1C

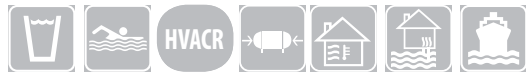
Code	Ø	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR 9							
27TNIRCL329	1"	9	300	0.22	1" => 32 mm	0.14	0.98
SDR11							
27TNIRCL4011	1 ¼"	11	200	0.30	1 ¼" => 40 mm	0.15	1.28
27TNIRCL5011	1 ½"	11	200	0.46	1 ½" => 50 mm	0.18	1.61
27TNIRCL6311	2"	11	80	0.71	2" => 63 mm	0.23	2.02
27TNIRCL7511	2 ½"	11	60	0.99	2 ½" => 75 mm	0.27	2.42
27TNIRCL9011	3"	11	40	1.42	3" => 90 mm	0.32	2.90
27TNIRCL11011	4"	11	20	2.12	4" => 110 mm	0.39	3.54
27TNIRCL12511	5"	11	20	2.65	5" => 125 mm	0.45	4.02
27TNIRCL16011	6"	11	20	4.45	6" => 160 mm	0.57	5.15
27TNIRCL20011	8"	11	20	6.94	8" => 200 mm	0.72	6.44
27TNIRCL25011	10"	11	20	10.71	10" => 250 mm	0.89	8.06
27TNIRCL31511	12"	11	20	16.93	12" => 315 mm	1.13	10.15
27TNIRCL35511	14"	11	20	21.46	14" => 355 mm	1.27	11.44
27TNIRCL40011	16"	11	20	27.09	16" => 400 mm	1.43	12.89



Type A

Type B

Applications:



NIRON MULTI CLIMA PP-RCT PIPE

Pipe structure: Multilayer pipe

Material: PP-RCT + Fiberglass

Color: Grey

Range: $\varnothing 2'' \div \varnothing 24''$

Packaging: Straight length 20 ft

Notes: Type A - Triple layer pipe with fiberglass added to middle layer .

Type B - Two layer pipe with fiberglass added to inner layer

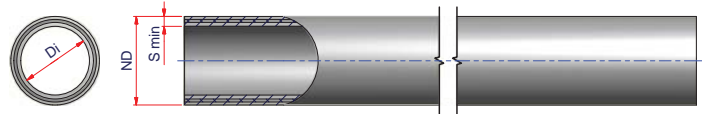


FIG. 1C

Code	Type	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR17								
27TNIRCL6317	A	2"	17	80	0.48	2" => 63mm	0.15	2.18
27TNIRCL7517	A	2½"	17	60	0.69	2½" => 75mm	0.18	2.60
27TNIRCL9017	A	3"	17	40	0.98	3" => 90mm	0.21	3.12
27TNIRCL11017	A	4"	17	20	1.45	4" => 110mm	0.26	3.81
27TNIRCL12517	A	5"	17	20	1.86	5" => 125mm	0.29	4.34
27TNIRCL16017	A	6"	17	20	3.04	6" => 160 mm	0.37	5.55
27TNIRCL20017	A	8"	17	20	4.74	8" => 200 mm	0.47	6.94
27TNIRCL25017	A	10"	17	20	7.32	10" => 250 mm	0.58	8.68
27TNIRCL31517	A	12"	17	20	11.60	12" => 315 mm	0.74	10.93
27TNIRCL35517	A	14"	17	20	14.67	14" => 355 mm	0.83	11.43
27TNIRCL40017	A	16"	17	20	18.55	16" => 400 mm	0.93	12.31
27TNIRCL45017	B	18"	17	20	23.41	18" => 450 mm	1.05	15.61
27TNIRCL50017	B	20"	17	20	28.83	20" => 500 mm	1.17	17.35
27TNIRCL56017	B	22"	17	20	35.97	22" => 560 mm	1.31	19.43
27TNIRCL63017	B	24"	17	20	45.43	24" => 630 mm	1.47	21.86



NIRON MULTI CLIMA11 DARK PP-RCT PIPE UV RAY BARRIER

Pipe structure: Multi-layer pipe with UV ray protection

Material: PP-RCT + Fiberglass - HDPE Cover

Color: Grey - Black cover

Range: $\varnothing 1'' \div \varnothing 16''$

Packaging: Straight length 20 ft

Notes: Four layer pipe with fiberglass added to central layer

Applications:

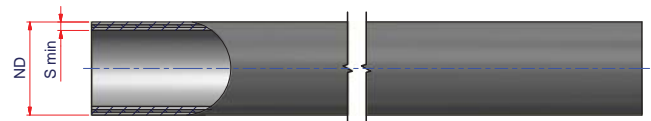
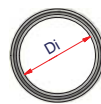


FIG. 16C

Code	\varnothing	SDR	Pack. Qty	Weight lb/ft	ND	S min	Di
SDR11							
27TNIRDACL3211	1"	11	300	0.20	1" => 32 mm	0.11 + 0.004 HDPE	1.02
27TNIRDACL4011	1 ¼"	11	200	0.30	1 ¼" => 40 mm	0.15 + 0.004 HDPE	1.28
27TNIRDACL5011	1 ½"	11	100	0.46	1 ½" => 50 mm	0.18 + 0.004 HDPE	1.60
27TNIRDACL6311	2"	11	80	0.72	2" => 63 mm	0.23 + 0.004 HDPE	2.02
27TNIRDACL7511	2 ½"	11	60	0.99	2 ½" => 75 mm	0.27 + 0.004 HDPE	2.41
27TNIRDACL9011	3"	11	40	1.42	3" => 90 mm	0.32 + 0.004 HDPE	2.89
27TNIRDACL11011	4"	11	40	2.12	4" => 110 mm	0.39 + 0.004 HDPE	3.54
27TNIRDACL12511	5"	11	20	2.74	5" => 125 mm	0.45 + 0.004 HDPE	4.02
27TNIRDACL16011	6"	11	20	4.42	6" => 160 mm	0.57 + 0.004 HDPE	5.14
27TNIRDACL20011	8"	11	20	6.85	8" => 200 mm	0.72 + 0.004 HDPE	6.43
27TNIRDACL25011	10"	11	20	10.17	10" => 250 mm	0.89 + 0.004 HDPE	8.05
27TNIRDACL31511	12"	11	20	16.68	12" => 315 mm	1.13 + 0.004 HDPE	10.14
27TNIRDACL35511	14"	11	20	21.08	14" => 355 mm	1.27 + 0.004 HDPE	11.43
27TNIRDACL40011	16"	11	20	26.69	16" => 400 mm	1.43 + 0.004 HDPE	12.88

2. PP-RCT SOCKET & BUTT FUSION FITTINGS



CROSSOVER PIPE - PLAIN END



Material: PP-RCT
Range: $\varnothing 1/2" \div 1"$

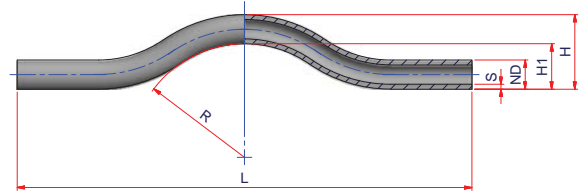
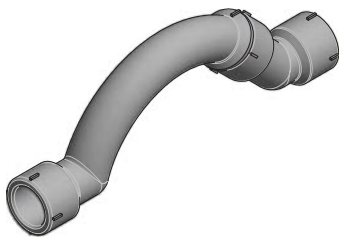


FIG. 212

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	R	L	H1	H
27NSOR20	1/2"	50	0.172	0.0120	1/2" => 20 mm	0.13	3.94	15.35	1.54	2.32
27NSOR25	3/4"	35	0.264	0.0173	3/4" => 25 mm	0.17	3.84	15.35	1.54	2.52
27NSOR32	1"	20	0.407	0.0304	1" => 32 mm	0.21	3.70	15.35	1.54	2.80



COMPACT CROSS OVER F/F - SOCKET FUSION



Material: PP-RCT
Range: $\varnothing 1/2" \div 3/4"$
Notes: Supplied in two pieces to be welded

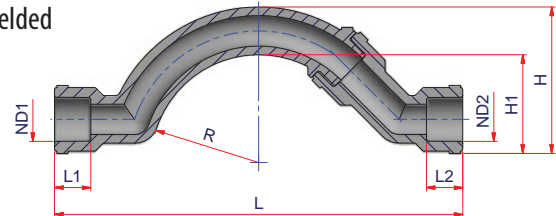
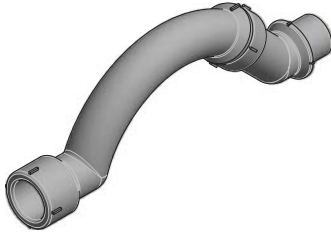


FIG. 123

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	R	L1	L2	L	H1	H
27NSOFF20	1/2"	60	0.103	0.0102	1/2" => 20 mm	1/2" => 20 mm	1.87	0.63	0.63	7.09	1.69	2.52
27NSOFF25	3/4"	30	0.194	0.0198	3/4" => 25 mm	3/4" => 25 mm	1.79	0.67	0.67	7.17	1.61	2.60

COMPACT CROSS OVER F/M - SOCKET FUSION



Material: PP-RCT

Range: \varnothing 1/2" ÷ 3/4"

Notes: Supplied in two pieces to be welded

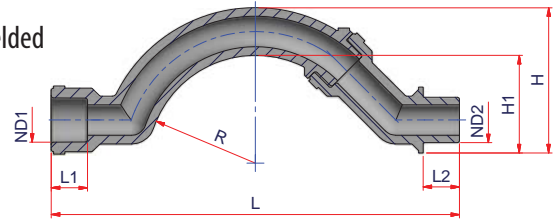


FIG. 124

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	R	L1	L2	L	H1	H
27NSOFM20	1/2"	60	0.099	0.0099	1/2" = > 20 mm	1/2" = > 20 mm	1.87	0.63	0.63	7.07	1.69	2.52
27NSOFM25	3/4"	30	0.099	0.0198	3/4" = > 25 mm	3/4" = > 25 mm	1.79	0.67	0.67	7.17	1.61	2.60

LONG RADIUS 90° ELBOW - SOCKET FUSION



Material: PP-RCT

Range: \varnothing 1/2" ÷ 3/4"

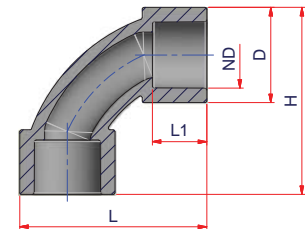


FIG. 211

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D	L1	L	H
27NCLR20	1/2"	70	0.048	0.0046	1/2" = > 20 mm	1.10	0.63	2.17	2.17
27NCLR25	3/4"	50	0.075	0.0067	3/4" = > 25 mm	1.34	0.63	2.56	2.56



90° ELBOW - SOCKET FUSION

Material: PP-RCT

Range: $\varnothing 1/2'' \div 5''$

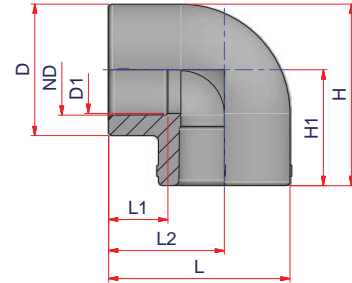


FIG. 213

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	L1	L2	L	H1	H
27NG20	1/2"	200	0.043	0.0028	1/2" = > 20 mm	0.65	1.14	0.63	1.06	1.64	1.06	1.63
27NG25	3/4"	100	0.073	0.0060	3/4" = > 25 mm	0.93	1.40	0.63	1.22	1.93	1.22	1.93
27NG32	1"	50	0.139	0.0120	1" = > 32 mm	1.18	1.81	0.79	1.46	2.36	1.46	2.36
27NG40	1 1/4"	40	0.217	0.0148	1 1/4" = > 40 mm	1.42	2.21	0.87	1.69	2.80	1.69	2.79
27NG50	1 1/2"	20	0.413	0.0297	1 1/2" = > 50 mm	1.81	2.76	0.98	2.01	3.39	2.01	3.39
27NG63	2"	10	0.748	0.0593	2" = > 63 mm	2.32	3.47	1.14	2.44	4.17	2.44	4.17
27NG75	2 1/2"	6	1.118	0.0989	2 1/2" = > 75 mm	2.76	3.98	1.30	2.87	4.86	2.87	4.86
27NG90	3"	8	1.782	0.1593	3" = > 90 mm	3.31	4.88	1.46	3.35	5.79	3.35	5.79
27NG110	4"	4	3.025	0.3178	4" = > 110 mm	3.94	5.75	1.69	3.94	6.81	3.94	6.81
27NG125	5"	24	4.767	0.3178	5" = > 125 mm	4.45	6.50	1.87	4.92	8.17	4.92	8.17



90° ELBOW - LONG SPIGOT

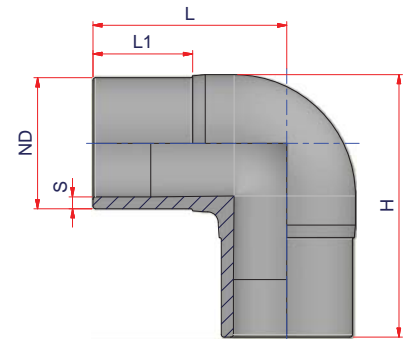
Material: PP-RCT

Range: \varnothing 2" ÷ 14"

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

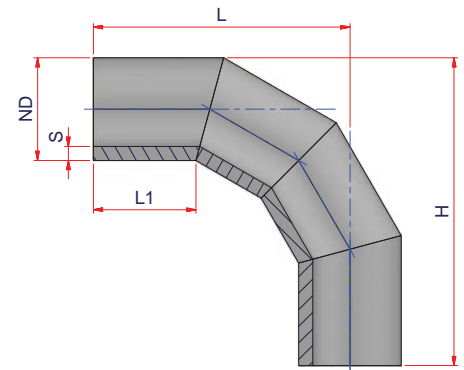
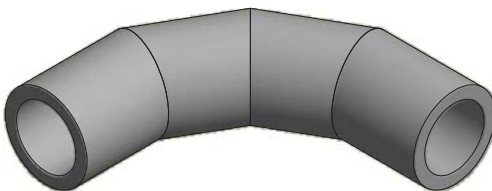


FIG. 213A

SDR 7.3

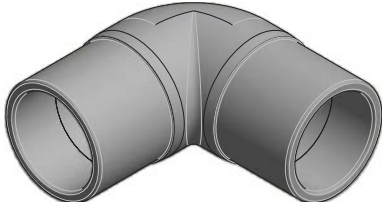
Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L	H
27NG907363MM	2"	A	-	0.702	-	2" => 63 mm	0.34	2.76	4.72	6.06
27NG907375MM	2 1/2"	A	-	1.331	-	2 1/2" => 75 mm	0.41	2.76	4.72	6.38
27NG907390MM	3"	A	-	1.644	-	3" => 90 mm	0.48	3.50	5.75	7.76
27NG9073110MM	4"	A	-	3.582	-	4" => 110 mm	0.59	3.43	6.10	8.37
27NG9073125MM	5"	A	-	5.251	-	5" => 125 mm	0.67	3.74	7.28	9.86
27NG9073160MM	6"	A	55	7.304	-	6" => 160 mm	0.86	3.98	8.27	11.56
27NG9073200MMB	8"	B	30	13.310	-	8" => 200 mm	1.08	5.91	17.72	21.65
27NG9073250MMB	10"	B	6	22.299	-	10" => 250 mm	1.35	9.84	24.61	29.53
27NG9073315MMB	12"	B	-	39.930	-	12" => 315 mm	1.70	11.81	30.43	36.63
27NG9073355MMB	14"	B	-	53.240	-	14" => 355 mm	1.91	11.81	32.80	39.78

Can also be modified as SDR 9 fitting



90° ELBOW - LONG SPIGOT

(A)



Material: PP-RCT

Range: $\varnothing 2'' \div 20''$

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(B)

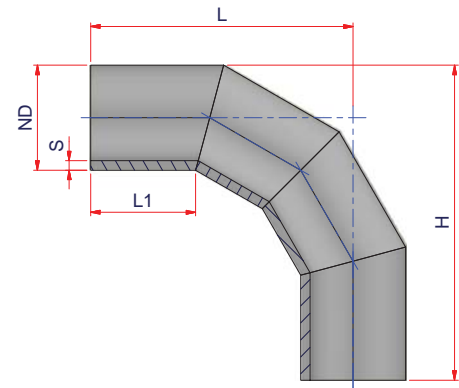
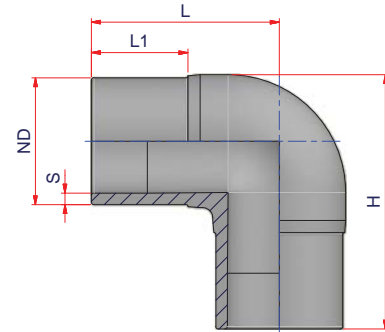
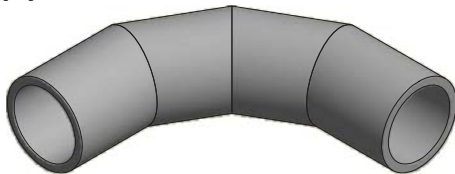


FIG. 213B

SDR 11

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L	H
27NG901163MM	2"	A	50	0.638	-	2" => 63 mm	0.23	2.76	4.72	6.06
27NG901175MM	2½"	A	-	1.210	-	2½" => 75 mm	0.27	2.95	5.12	6.73
27NG901190MM	3"	A	24	1.494	0.1176	3" => 90 mm	0.32	3.50	5.75	7.76
27NG9011110MM	4"	A	15	2.218	0.1882	4" => 110 mm	0.39	3.43	6.10	8.37
27NG9011125MM	5"	A	24	4.774	0.3178	5" => 125 mm	0.45	3.74	7.28	9.86
27NG9011160MM	6"	A	55	6.640	0.5795	6" => 160 mm	0.58	3.98	7.99	11.56
27NG9011200MM	8"	A	30	12.100	1.0623	8" => 200 mm	0.72	4.57	9.84	13.94
27NG9011250MM	10"	A	14	20.271	2.2764	10" => 250 mm	0.89	5.31	12.00	17.13
27NG9011315MMA	12"	A	-	-	-	12" => 315 mm	1.13	-	-	-
27NG9011315MMB	12"	B	-	36.300	-	12" => 315 mm	1.13	11.81	30.43	36.63
27NG9011355MMB	14"	B*	-	48.400	-	14" => 355 mm	1.27	11.81	32.80	39.78
27NG9011400MMB	16"	B*	-	60.500	-	16" => 400 mm	1.43	11.81	35.43	43.31
27NG9011450MMB	18"	B*	-	72.600	-	18" => 450 mm	1.61	11.81	38.39	46.26
27NG9011500MMB	20"	B*	-	84.700	-	20" => 500 mm	1.79	13.78	43.31	53.15

* Also available as a Style A fitting. Consult factory for pricing.



90° ELBOW - LONG SPIGOT

(A)

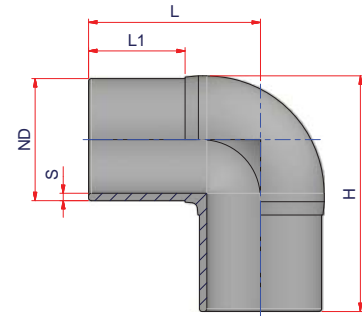


Material: PP-RCT

Range: \varnothing 2" ÷ 24"

Notes: Type A - Butt welding fitting

Type B - Segmented fitting



(B)

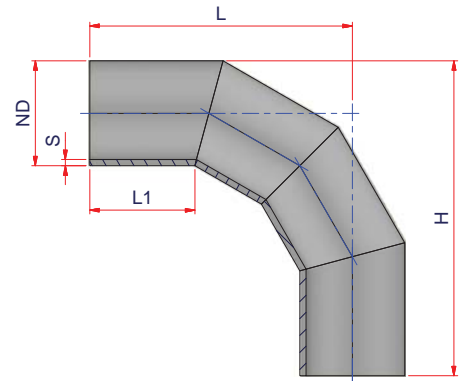
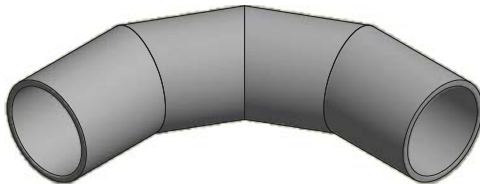


FIG. 213C

SDR 17

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L	H
27NG901763MM	2"	A	10	0.550	-	2" => 63 mm	0.15	2.76	4.72	6.06
27NG901775MM	2 1/2"	A	6	0.836	-	2 1/2" => 75 mm	0.18	2.95	5.12	6.73
27NG901790MM	3"	A	20	1.184	0.1413	3" => 90 mm	0.21	3.50	5.75	7.76
27NG9017110MM	4"	A	14	2.200	0.2017	4" => 110 mm	0.26	3.43	6.10	8.37
27NG9017125MM	5"	A	24	3.960	-	5" => 125 mm	0.29	3.74	7.28	9.86
27NG9017160MM	6"	A	36	6.600	0.4990	6" => 160 mm	0.37	3.98	8.27	11.56
27NG9017200MM	8"	A	30	11.000	-	8" => 200 mm	0.47	4.57	9.84	13.94
27NG9017250MM	10"	A	6	22.000	-	10" => 250 mm	0.58	5.31	12.00	17.13
27NG9017315MMA	12"	A	1	-	-	12" => 315 mm	0.74	-	-	-
27NG9017315MMB	12"	B	4	33.000	-	12" => 315 mm	0.74	11.81	30.43	36.63
27NG9017355MMB	14"	B*	1	44.000	-	14" => 355 mm	0.83	11.81	32.80	39.78
27NG9017400MMB	16"	B*	1	55.000	-	16" => 400 mm	0.93	11.81	35.43	43.31
27NG9017450MMB	18"	B*	1	66.000	-	18" => 450 mm	1.05	11.81	38.39	46.26
27NG9017500MMB	20"	B*	1	77.000	-	20" => 500 mm	1.17	13.78	43.31	53.15
27NG9017560MMB	22"	B	1	88.000	-	22" => 560 mm	1.31	13.78	46.85	57.87
27NG9017630MMB	24"	B	1	110.000	-	24" => 630 mm	1.47	13.78	50.98	63.39

* Also available as a Style A fitting. Consult factory for pricing.

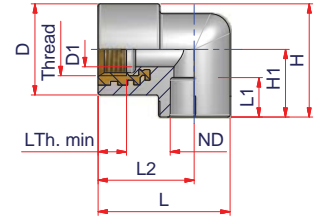


FEMALE THREADED 90° ELBOW W/NPT LEAD FREE BRASS - SOCKET FUSION

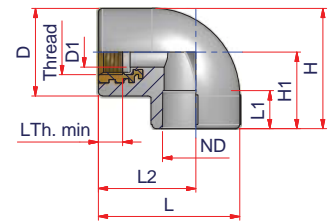
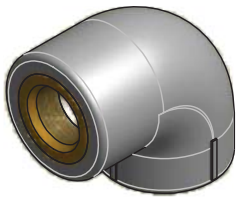
(A)



Material: PP-RCT - Brass
Range: $\varnothing 1/2'' \times 1/2''$ NPT ÷ $2'' \times 2''$ NPT



(B)



(C)

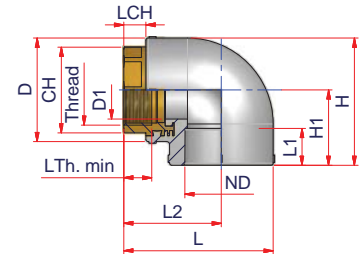
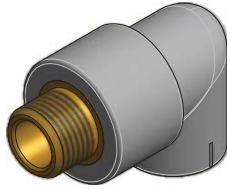


FIG. 213D

Code	ø	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	Thread	L							
										Thread min	L1	L2	L	H1	H	CH	LCH
27NGF2012NPT	1/2" x 1/2" NPT	B	60	0.161	0.0049	1/2" => 20mm	0.55	1.46	1/2" NPT	0.53	0.63	1.54	2.11	1.08	1.81	-	-
27NGF2512NPT	3/4" x 1/2" NPT	A	50	0.180	0.0060	3/4" => 25mm	0.55	1.46	1/2" NPT	0.53	0.67	1.54	2.22	1.20	1.93	-	-
27NGF2534NPT	3/4" x 3/4" NPT	A	40	0.247	0.0074	3/4" => 25mm	0.73	1.65	3/4" NPT	0.55	0.67	1.54	2.22	1.20	2.03	-	-
27NGF3212NPT	1" x 1/2" NPT	B	30	0.216	0.0099	1" => 32mm	0.55	1.65	1/2" NPT	0.53	0.71	1.81	2.64	1.42	2.24	-	-
27NGF3234NPT	1" x 3/4" NPT	B	35	0.267	0.0085	1" => 32mm	0.73	1.65	3/4" NPT	0.55	0.71	1.81	2.64	1.42	2.24	-	-
27NGF321NPT	1" x 1" NPT	B	20	0.424	0.0145	1" => 32mm	0.95	2.13	1" NPT	0.66	0.79	1.81	2.64	1.85	2.91	-	-
27NGF401NPT	1 1/4" x 1" NPT	B	18	0.489	0.0162	1 1/4" => 40mm	0.95	2.24	1" NPT	0.66	0.79	2.05	3.11	1.69	1.84	-	-
27NGF50114NPT	1 1/2" x 1 1/4" NPT	C	10	0.088	0.0339	1 1/2" => 50mm	1.30	2.76	1 1/4" NPT	0.68	0.98	2.60	3.98	2.01	3.39	1.81	0.59
27NGF50112NPT	1 1/2" x 1 1/2" NPT	C	10	1.100	0.0293	1 1/2" => 50mm	1.56	2.76	1 1/2" NPT	0.68	0.98	2.60	3.98	2.01	3.39	2.17	0.59
27NGF63112NPT	2" x 1" NPT	C	4	1.650	0.0848	2" => 63mm	1.56	3.47	1 1/2" NPT	0.68	1.14	3.03	4.76	2.44	4.17	2.17	0.59
27NGF632NPT	2" x 2" NPT	C	4	1.650	0.0731	2" => 63mm	1.97	3.47	2" NPT	0.70	1.14	3.23	4.96	2.44	4.17	2.55	0.79



MALE THREADED 90° ELBOW W/NPT LEAD FREE BRASS - SOCKET FUSION



Material: PP-RCT-Brass
Range: \varnothing 1/2" x 1/2" NPT ÷ 1" x 1" NPT

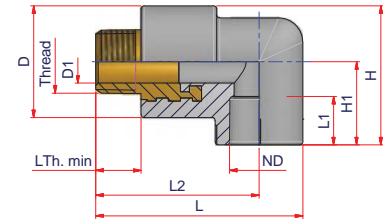
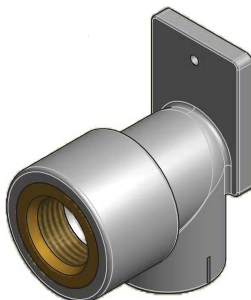


FIG. 213E

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	Thread	L Thread min	L1	L2	L	H1	H
27NGM2012NPT	1/2" x 1/2" NPT	50	0.238	0.0254	1/2" => 20 mm	0.55	1.46	1/2" NPT	0.53	0.63	2.13	2.70	1.08	1.81
27NGM2512NPT	3/4" x 1/2" NPT	50	0.244	0.0067	3/4" => 25 mm	0.55	1.46	1/2" NPT	0.53	0.67	2.13	2.82	1.20	1.93
27NGM2534NPT	3/4" x 3/4" NPT	40	0.340	0.0074	3/4" => 25 mm	0.73	1.65	3/4" NPT	0.55	0.67	2.13	2.89	1.20	2.03
27NGM3212NPT	1" x 1/2" NPT	30	0.299	0.0099	1" => 32 mm	0.55	1.65	1/2" NPT	0.53	0.71	2.40	3.23	1.42	2.24
27NGM3234NPT	1" x 3/4" NPT	30	0.352	0.0099	1" => 32 mm	0.73	1.65	3/4" NPT	0.55	0.71	2.40	3.31	1.42	2.24
27NGM321NPT	1" x 1" NPT	20	0.660	0.0145	1" => 32 mm	0.95	2.13	1" NPT	0.68	0.79	2.56	3.41	1.85	2.91



FEMALE THREADED BACK PLATE 90° W/NPT LEAD FREE BRASS - SOCKET FUSION



Material: PP-RCT-Brass
Range: \varnothing 1/2" x 1/2" NPT

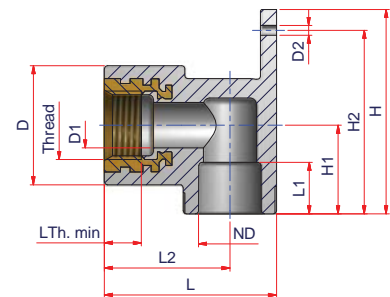
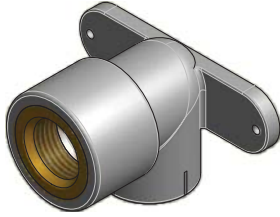


FIG. 213F

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L Thread min	L1	L2	L	H1	H2	H
27NTER2012NPT	1/2" x 1/2" NPT	40	0.183	0.0074	1/2" => 20 mm	0.55	0.12	1.46	1/2" NPT	0.53	0.63	1.54	2.11	1.08	2.24	2.50



FEMALE THREADED WINGED 90° ELBOW W/NPT LEAD FREE BRASS - SOCKET FUSION



Material: PP-RCT-Brass
Range: \varnothing 1/2" x 3/8" NPT ÷ 1/2" x 1/2" NPT

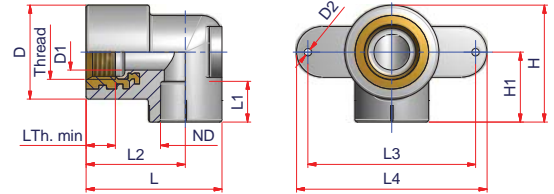
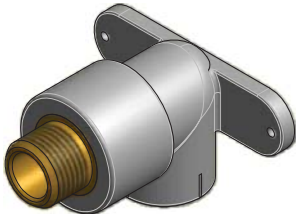


FIG. 213G

Code	ø	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L							
										Thread min	L1	L2	L3	L4	L	H1	H
27NGTF2038NPT	1/2" x 3/8" NPT	40	0.156	0.0085	1/2" => 20mm	0.43	0.12	0.43	3/8" NPT	0.41	0.63	1.97	2.60	2.95	2.54	1.08	1.81
27NGTF2012NPT	1/2" x 1/2" NPT	40	0.165	0.0074	1/2" => 20mm	0.55	0.12	0.55	1/2" NPT	0.53	0.63	2.13	2.60	2.95	2.70	1.08	1.81



MALE THREADED WINGED 90° ELBOW W/NPT LEAD FREE BRASS - SOCKET FUSION



Material: PP-RCT
Range: \varnothing 1/2" x 3/8" NPT ÷ 1/2" x 1/2" NPT

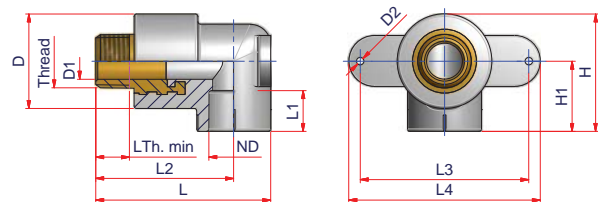


FIG. 213H

Code	ø	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L							
										Thread min	L1	L2	L3	L4	L	H1	H
27NGTM2038NPT	1/2" x 3/8" NPT	40	0.202	0.0085	1/2" => 20mm	0.43	0.12	1.46	3/8" NPT	0.41	0.63	1.97	2.60	2.95	2.54	1.08	1.81
27NGTM2012NPT	1/2" x 1/2" NPT	40	0.242	0.0085	1/2" => 20mm	0.55	0.12	1.46	1/2" NPT	0.53	0.63	2.13	2.60	2.95	2.70	1.08	1.81

MOUNTING UNIT WITH 90° ELBOWS



Material: PP-RCT - Brass - Metal

Range: $\varnothing 1/2" \times 1/2" \text{NPT}$

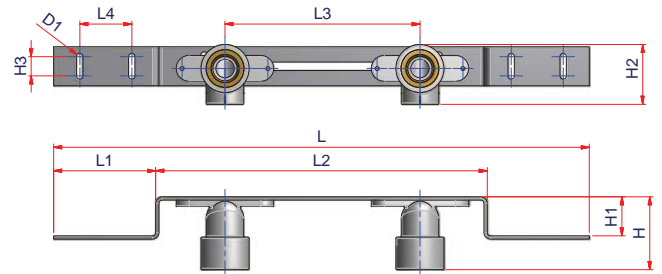


FIG. 214

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	L1	L2	L3	L4	L	H1	H2	H3	H	D1
27NGVRF2012NPT	$1/2" \times 1/2" \text{NPT}$	12	0.853	0.0505	3.05	10.04	5.91	1.58	16.14	1.18	1.81	0.59	2.21	0.20

TEMPLATE FOR EXTERNAL BATH TAPS



Material: PP-RCT - Brass - Metal

Range: $\varnothing 1/2" \times 1/2" \text{NPT} - 3/4" \times 1/2" \text{NPT}$

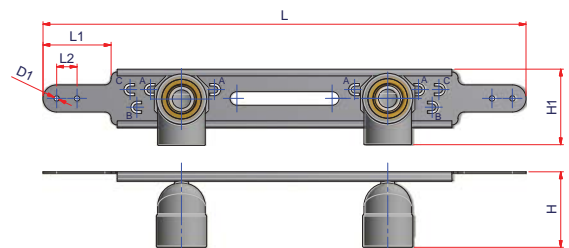


FIG. 214A

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	L1	L2	L	H1	H	D1	A-A	B-A	B-B	C-C
27NGVF2012NPT	$1/2" \times 1/2" \text{NPT}$	40	0.175	0.0505	1.97	0.59	13.94	1.99	2.19	0.160	5.91	6.30	6.69	7.09
27NGVF2512NPT	$3/4" \times 1/2" \text{NPT}$	12	0.697	0.0505	1.97	0.59	13.94	1.99	2.19	0.160	5.91	6.30	6.69	7.09



FEMALE THREADED 90° ELBOW FOR TEMPLATE W/NPT LEAD FREE BRASS



Material: PP-RCT - Brass
Range: \emptyset 1/2" x 3/8" NPT - 3/4" x 1/2" NPT

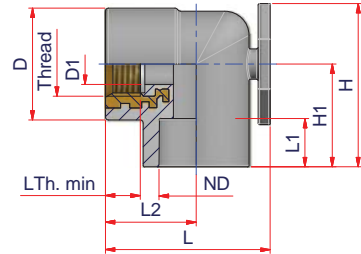
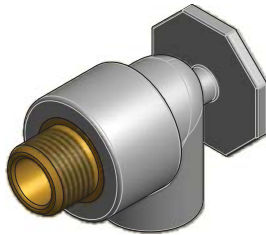


FIG. 214B

Code	\emptyset	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	Thread	L Thread min	L1	L2	L	H1	H
27NGOF2012NPT	1/2" x 1/2" NPT	50	0.178	0.0067	1/2" = > 20 mm	0.55	1.46	1/2" NPT	0.53	0.63	1.18	2.15	1.12	1.91
27NGOF2512NPT	3/4" x 1/2" NPT	40	0.189	0.0085	3/4" = > 25 mm	0.55	1.46	1/2" NPT	0.53	0.63	1.18	2.15	1.34	2.13



MALE THREADED 90° ELBOW FOR TEMPLATE W/NPT LEAD FREE BRASS



Material: PP-RCT - Brass
Range: \emptyset 1/2" x 1/2" NPT

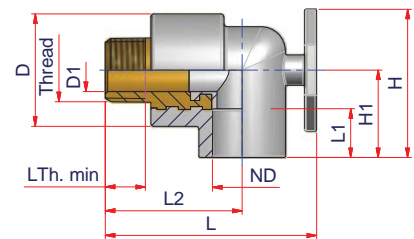


FIG. 214C

Code	\emptyset	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	Thread	L Thread min	L1	L2	L	H1	H
27NGOM2012NPT	1/2" x 1/2" NPT	40	0.244	0.0085	1/2" = > 20 mm	0.55	1.46	1/2" NPT	0.53	0.63	1.77	2.74	1.12	1.91

STREET 90° ELBOW - SOCKET FUSION



Material: PP-RCT
Range: $\frac{1}{2}$ " ÷ $1\frac{1}{4}$ "

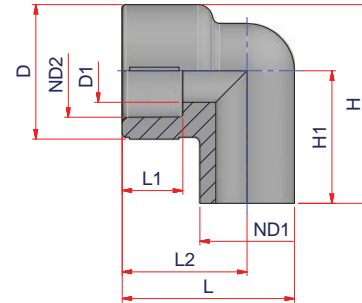


FIG. 213G

Code	\emptyset	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	D1	D	L1	L2	L	H1	H
27NGMF20	$\frac{1}{2}$ " x $\frac{1}{2}$ "	100	0.033	0.0028	$\frac{1}{2}$ " = > 20 mm	$\frac{1}{2}$ " = > 20 mm	0.52	1.18	0.63	1.14	1.54	1.12	1.71
27NGMF25	$\frac{3}{4}$ " x $\frac{3}{4}$ "	75	0.053	0.0039	$\frac{3}{4}$ " = > 25 mm	$\frac{3}{4}$ " = > 25 mm	0.65	1.38	0.63	1.30	1.79	1.38	2.07
27NGMF32	1" x 1"	70	0.125	0.0085	1" = > 32 mm	1" = > 32 mm	0.95	1.69	0.79	1.34	1.97	1.87	2.70
27NGMF40	$1\frac{1}{4}$ " x $1\frac{1}{4}$ "	50	0.181	0.0120	$1\frac{1}{4}$ " = > 40 mm	$1\frac{1}{4}$ " = > 40 mm	0.95	1.69	0.49	1.34	1.97	1.87	2.70

FEMALE THREADED STREET 90° ELBOW W/NPT LEAD FREE BRASS



Material: PP-RCT-Brass
Range: $\frac{1}{2}$ " x $\frac{1}{2}$ " NPT

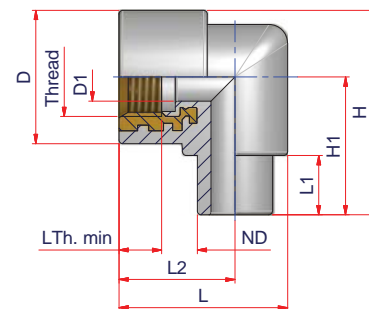


FIG. 213H

Code	\emptyset	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	Thread	L Thread min	L1	L2	L	H1	H
27NGMFF2012NPT	$\frac{1}{2}$ " x $\frac{1}{2}$ " NPT	70	0.169	0.0046	$\frac{1}{2}$ " = > 20 mm	0.52	1.14	$\frac{1}{2}$ " NPT	0.53	0.63	1.22	1.77	1.46	2.17



45° ELBOW - SOCKET FUSION



Material: PP-RCT
Range: $\varnothing 1/2'' \div 5''$

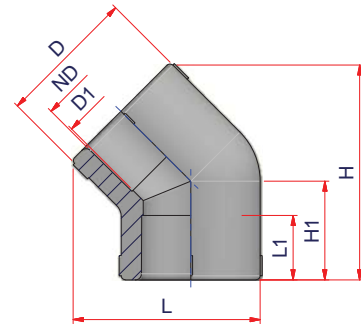


FIG. 215

Code	\varnothing	Carton Q.y	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	L1	L	H1	H
27NC4520	1/2"	200	0.039	0.0028	1/2" => 20 mm	0.65	1.14	0.63	1.30	0.85	1.81
27NC4525	3/4"	150	0.050	0.0039	3/4" => 25 mm	0.93	1.34	0.63	1.81	0.97	2.11
27NC4532	1"	40	0.085	0.0074	1" => 32 mm	1.18	1.65	0.79	2.21	1.14	2.52
27NC4540	1 1/4"	24	0.165	0.0124	1 1/4" => 40 mm	1.42	2.09	0.87	2.64	1.26	2.85
27NC4550	1 1/2"	26	0.271	0.0230	1 1/2" => 50 mm	1.87	2.60	0.98	3.29	1.56	3.54
27NC4563	2"	15	0.499	0.0396	2" => 63 mm	2.36	3.27	1.14	4.02	1.77	4.13
27NC4575	2 1/2"	6	0.990	0.0989	2 1/2" => 75 mm	2.76	3.90	1.30	5.10	2.56	5.71
27NC4590	3"	4	1.485	0.1483	3" => 90 mm	3.39	4.86	1.46	5.71	2.24	5.51
27NC45110	4"	2	2.530	0.2966	4" => 110 mm	3.94	5.75	1.69	6.79	2.76	6.67
27NC45125	5"	4	3.245	0.3178	5" => 125 mm	4.45	6.50	1.81	7.64	3.07	7.46



STREET 45° ELBOW - SOCKET FUSION



Material: PP-RCT
Range: $\varnothing 1/2'' \div 1''$

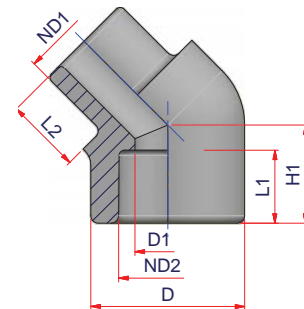


FIG. 215D

Code	\varnothing	Carton Q.y	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	D1	D	L1	L2	H1
27NC45MF20	1/2"	400	-	-	1/2" => 20 mm	1/2" => 20 mm	0.51	1.20	0.57	0.59	0.77
27NC45MF25	3/4"	300	-	-	3/4" => 25 mm	3/4" => 25 mm	0.65	1.36	0.63	0.63	0.85
27NC45MF32	1"	150	-	-	1" => 32 mm	1" => 32 mm	-	-	-	-	-



45° ELBOW - LONG SPIGOT

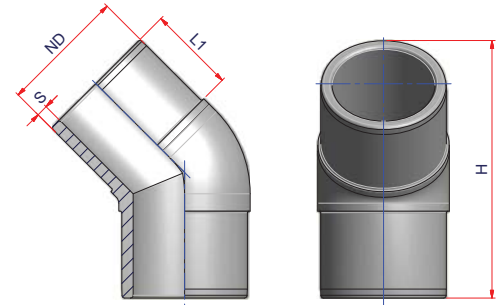
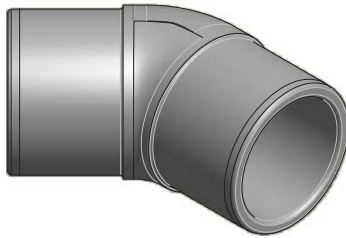
Material: PP-RCT

Range: $\varnothing 2'' \div 14''$

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

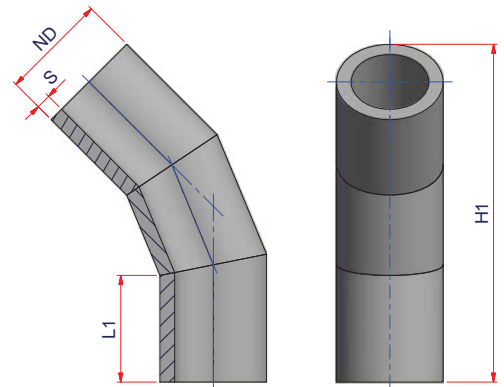
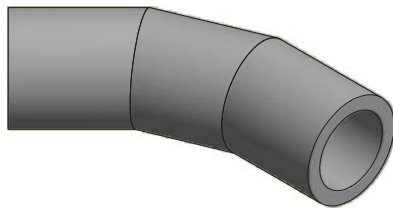


FIG.215A

SDR 7.3

Code	\varnothing	Type	Carton Q.y	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	H
27NC457363MM	2"	A	60	0.550	-	2" => 63 mm	0.34	2.72	6.89
27NC457375MM	2 1/2"	A	-	0.880	-	2 1/2" => 75 mm	0.41	2.87	7.48
27NC457390MM	3"	A	22	1.430	-	3" => 90 mm	0.48	3.54	9.25
27NC4573110MM	4"	A	15	2.200	-	4" => 110 mm	0.59	3.43	9.53
27NC4573125MM	5"	A	4	3.300	-	5" => 125 mm	0.67	3.74	10.41
27NC4573160MM	6"	A	-	5.500	-	6" => 160 mm	0.86	4.06	12.24
27NC4573200MMB	8"	B	36	10.450	-	8" => 200 mm	1.08	5.91	20.00
27NC4573250MMB	10"	B	16	19.800	-	10" => 250 mm	1.35	9.84	30.47
27NC4573315MMB	12"	B	-	26.400	-	12" => 315 mm	1.70	11.81	37.00
27NC4573355MMB	14"	B	-	33.000	-	14" => 355 mm	1.91	11.81	37.00

*Can also be modified as SDR 9 fitting



45° ELBOW - LONG SPIGOT

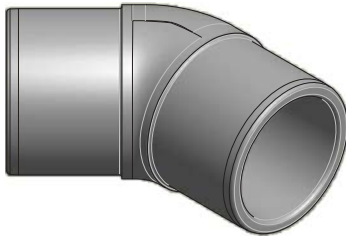
Material: PP-RCT

Range: $\varnothing 2'' \div 20''$

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

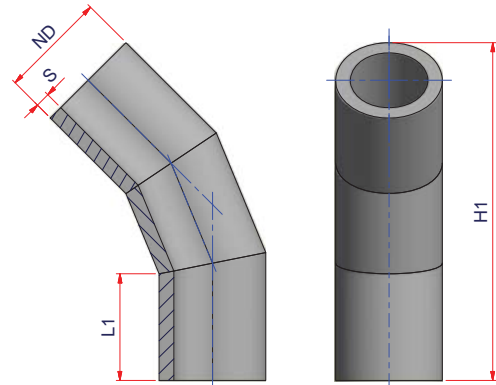
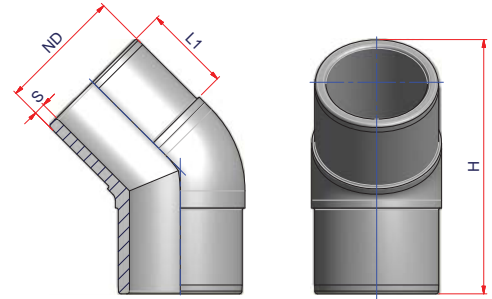
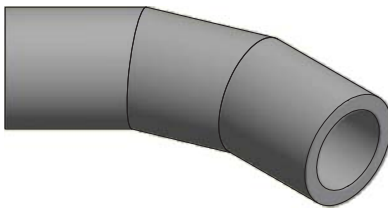


FIG.215B

SDR 11

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	H
27NC451163MM	2"	A	60	0.479	0.0470	2" => 63 mm	0.23	2.72	6.89
27NC451175MM	2 1/2"	A	60	0.770	0.7700	2 1/2" => 75 mm	0.27	2.95	8.07
27NC451190MM	3"	A	22	1.290	0.1285	3" => 90 mm	0.32	3.54	9.25
27NC4511110MM	4"	A	12	1.934	0.2355	4" => 110 mm	0.39	3.43	9.53
27NC4511125MM	5"	A	32	2.654	0.2384	5" => 125 mm	0.45	3.74	10.41
27NC4511160MM	6"	A	13	4.649	0.5085	6" => 160 mm	0.58	4.06	12.24
27NC4511200MM	8"	A	36	9.472	0.8853	8" => 200 mm	0.72	4.61	15.83
27NC4511250MM	10"	A	12	17.417	1.4973	10" => 250 mm	0.89	5.31	18.19
27NC4511315MMA	12"	A	-	-	-	12" => 315 mm	1.13	-	-
27NC4511315MMB	12"	B	9	24.200	-	12" => 315 mm	1.13	11.81	37.00
27NC4511355MMB	14"	B*	-	30.250	-	14" => 355 mm	1.27	11.81	37.00
27NC4511400MMB	16"	B*	-	36.300	-	16" => 400 mm	1.43	11.81	39.20
27NC4511450MMB	18"	B*	-	55.000	-	18" => 450 mm	1.61	12.20	45.89
27NC4511500MMB	20"	B*	-	70.400	-	20" => 500 mm	1.79	14.17	51.65

* Also available as a Style A fitting. Consult factory for pricing.



45° ELBOW - LONG SPIGOT

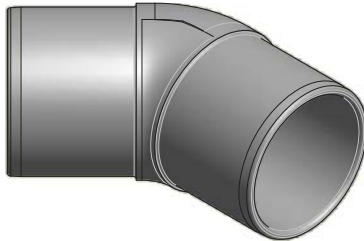
Material: PP-RCT

Range: $\varnothing 2'' \div 24''$

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

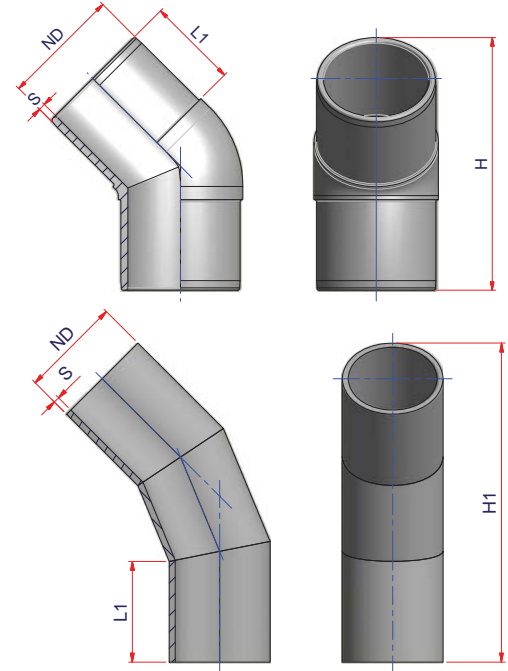
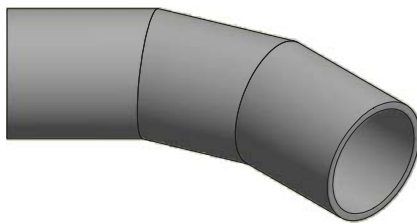


FIG. 215C

SDR 17

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	H
27NC451763MM	2"	A	10	83.600	-	2" => 63 mm	0.15	2.76	6.89
27NC451775MM	2 1/2"	A	40	99.000	-	2 1/2" => 75 mm	0.18	2.95	8.07
27NC451790MM	3"	A	22	0.945	0.1285	3" => 90 mm	0.21	3.54	9.25
27NC4517110MM	4"	A	12	1.430	-	4" => 110 mm	0.26	3.43	9.53
27NC4517125MM	5"	A	30	1.936	0.2543	5" => 125 mm	0.29	3.74	10.41
27NC4517160MM	6"	A	15	3.593	0.5085	6" => 160 mm	0.37	4.06	12.24
27NC4517200MM	8"	A	36	7.211	0.8853	8" => 200 mm	0.47	4.61	15.83
27NC4517250MM	10"	A	12	12.925	1.4973	10" => 250 mm	0.58	5.31	18.19
27NC4517315MMA	12"	A	-	-	-	12" => 315 mm	0.74	-	-
27NC4517315MMB	12"	B	8	22.000	-	12" => 315 mm	0.74	11.81	37.00
27NC4517355MMB	14"	B*	-	27.500	-	14" => 355 mm	0.83	11.81	37.00
27NC4517400MMB	16"	B*	-	33.000	-	16" => 400 mm	0.93	11.81	39.20
27NC4517450MMB	18"	B*	-	44.000	-	18" => 450 mm	1.05	12.12	45.89
27NC4517500MMB	20"	B*	-	55.000	-	20" => 500 mm	1.17	14.17	51.65
27NC4517560MMB	22"	B	-	66.000	-	22" => 560 mm	1.31	15.75	57.40
27NC4517630MMB	24"	B	-	77.000	-	24" => 630 mm	1.47	15.75	58.60

* Also available as a Style A fitting. Consult factory for pricing.



TEE - SOCKET FUSION



Material: PP-RCT

Range: $\varnothing 1/2" \div 5"$

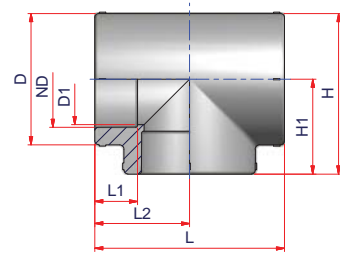


FIG. 216

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	L1	L	H1	H
27NT20	1/2"	150	0.056	0.0039	1/2" => 20 mm	0.71	1.30	0.63	2.13	1.06	1.71
27NT25	3/4"	80	0.090	0.0035	3/4" => 25 mm	0.83	1.38	0.67	2.48	1.24	1.93
27NT32	1"	40	0.184	0.0148	1" => 32 mm	1.18	1.81	0.79	2.91	1.46	2.36
27NT40	1 1/4"	30	0.279	0.0198	1 1/4" => 40 mm	1.42	2.21	0.87	3.39	1.69	2.80
27NT50	1 1/2"	16	0.516	0.0371	1 1/2" => 50 mm	1.81	2.76	0.98	4.02	2.01	3.39
27NT63	2"	8	0.963	0.0742	2" => 63 mm	2.32	3.47	1.14	4.88	2.44	4.17
27NT75	2 1/2"	6	1.320	0.0989	2 1/2" => 75 mm	2.76	3.98	1.30	5.75	2.87	4.86
27NT90	3"	8	2.288	0.1589	3" => 90 mm	3.31	4.88	1.46	6.69	3.35	5.79
27NT110	4"	2	3.366	0.3182	4" => 110 mm	3.94	5.75	1.69	7.87	3.94	6.81
27NT125	5"	3	6.233	1.2727	5" => 125 mm	4.45	6.50	1.87	9.84	4.92	8.17



TEE - LONG SPIGOT

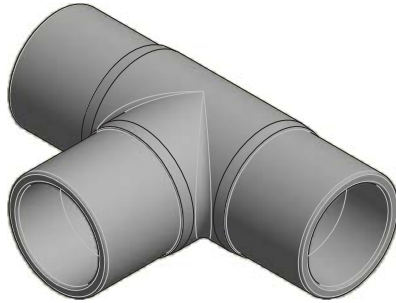
Material: PP-RCT

Range: \varnothing 2" ÷ 14"

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

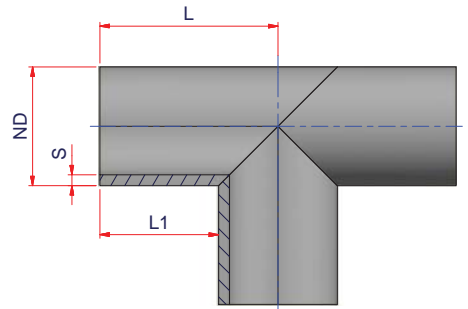
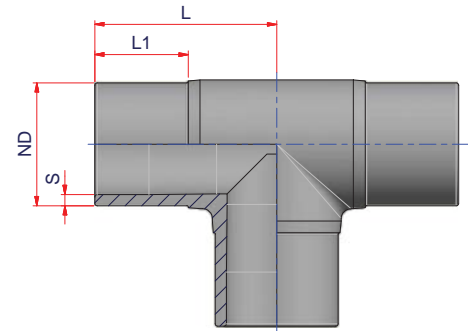
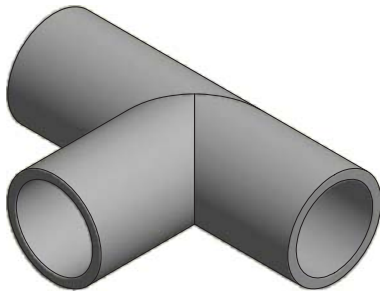


FIG. 216A

SDR 7.3

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L
27NT7363MM	2"	A	-	1.100	-	2" => 63 mm	0.34	2.72	4.72
27NT7375MM	2 ½"	A	-	1.760	-	2 ½" => 75 mm	0.41	2.76	4.61
27NT7390MM	3"	A	-	4.400	-	3" => 90 mm	0.48	3.54	5.85
27NT73110MM	4"	A	-	6.600	-	4" => 110 mm	0.59	3.43	6.30
27NT73125MM	5"	A	-	12.100	-	5" => 125 mm	0.67	3.74	7.28
27NT73160MM	6"	A	40	17.600	-	6" => 160 mm	0.86	4.33	8.54
27NT73200MMB	8"	B	10	22.000	-	8" => 200 mm	1.08	5.91	9.84
27NT73250MMB	10"	B	-	27.720	-	10" => 250 mm	1.35	9.84	14.76
27NT73315MMB	12"	B	-	33.000	-	12" => 315 mm	1.70	11.81	18.11
27NT73355MMB	14"	B	-	44.000	-	14" => 355 mm	1.91	11.81	18.90

*Can also be modified as SDR 9 fitting



TEE - LONG SPIGOT

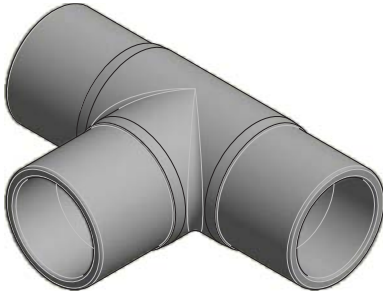
Material: PP-RCT

Range: \varnothing 2" ÷ 20"

Notes: Type A - Butt welding fitting

Type B - Segmented fitting

(A)



(B)

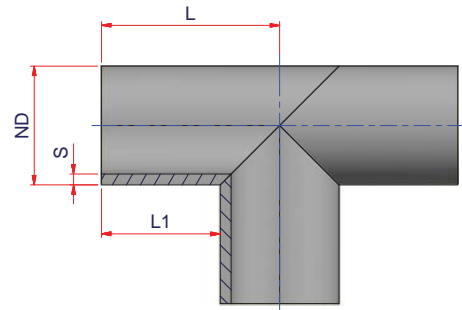
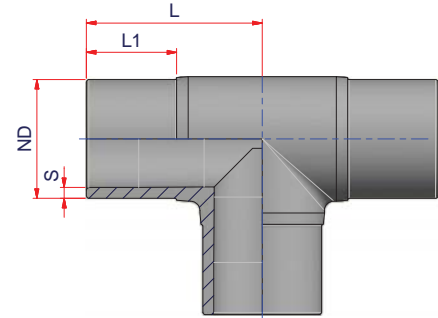
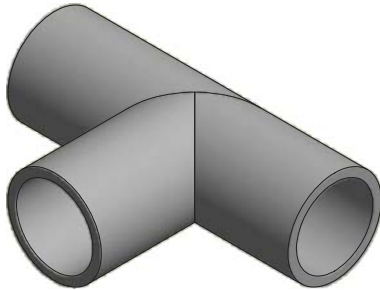


FIG. 216B

SDR 11

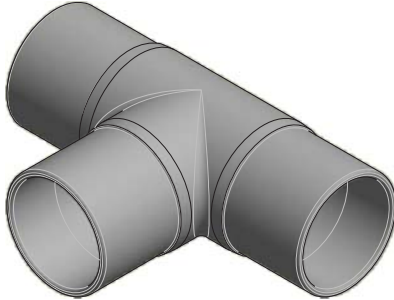
Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L
27NT1163MM	2"	A	-	1.045	-	2" => 63 mm	0.23	2.72	4.72
27NT1175MM	2 ½"	A	-	1.672	-	2 ½" => 75 mm	0.27	2.95	5.12
27NT1190MM	3"	A	-	4.180	-	3" => 90 mm	0.32	3.54	5.85
27NT11110MM	4"	A	-	6.270	-	4" => 110 mm	0.39	3.43	6.30
27NT11125MM	5"	A	-	11.495	-	5" => 125 mm	0.45	3.74	7.28
27NT11160MM	6"	A	40	9.240	0.7967	6" => 160 mm	0.58	4.06	8.27
27NT11200MM	8"	A	10	15.400	1.7968	8" => 200 mm	0.72	4.61	9.84
27NT11250MM	10"	A	-	25.410	-	10" => 250 mm	0.89	5.31	12.01
27NT11315MMA	12"	A	-	-	-	12" => 315 mm	1.13	-	-
27NT11315MMB	12"	B	-	31.350	-	12" => 315 mm	1.13	11.81	18.11
27NT11355MMB	14"	B*	-	41.800	-	14" => 355 mm	1.27	11.81	18.90
27NT11400MMB	16"	B*	-	48.400	-	16" => 400 mm	1.43	11.81	19.69
27NT11450MMB	18"	B*	-	55.000	-	18" => 450 mm	1.61	11.81	20.67
27NT11500MMB	20"	B*	-	66.000	-	20" => 500 mm	1.79	13.78	23.62

* Also available as a Style A fitting. Consult factory for pricing.



TEE - LONG SPIGOT

(A)

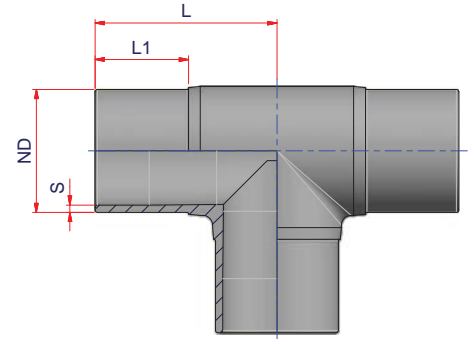


Material: PP-RCT

Range: \varnothing 2" ÷ 24"

Notes: Type A - Butt welding fitting

Type B - Segmented fitting



(B)

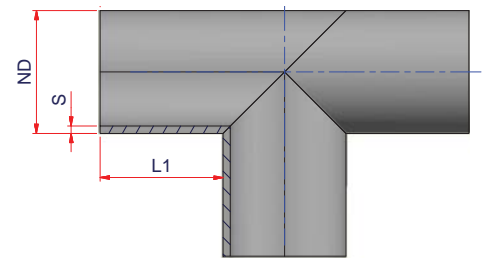
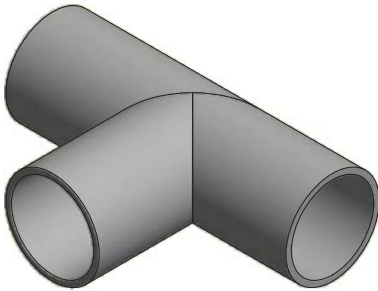


FIG. 216C

SDR 17

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L
27NT1763MM	2"	A	-	0.990	-	2" => 63 mm	0.15	2.76	4.72
27NT1775MM	2 ½"	A	-	1.584	-	2 ½" => 75 mm	0.18	2.95	5.12
27NT1790MM	3"	A	-	1.581	-	3" => 90 mm	0.21	3.54	5.85
27NT17110MM	4"	A	-	5.940	-	4" => 110 mm	0.26	3.43	6.30
27NT17125MM	5"	A	-	10.890	-	5" => 125 mm	0.29	3.74	7.28
27NT17160MM	6"	A	-	15.840	-	6" => 160 mm	0.37	4.06	8.27
27NT17200MM	8"	A	-	19.800	-	8" => 200 mm	0.47	4.61	9.84
27NT17250MM	10"	A	-	23.100	-	10" => 250 mm	0.58	5.31	12.01
27NT17315MMA	12"	A	-	-	-	12" => 315 mm	0.74	-	-
27NT17315MMB	12"	B	-	29.700	-	12" => 315 mm	0.74	11.81	18.11
27NT17355MMB	14"	B*	-	39.600	-	14" => 355 mm	0.83	11.81	18.90
27NT17400MMB	16"	B*	-	-	-	16" => 400 mm	0.93	11.81	19.69
27NT17450MMB	18"	B*	-	-	-	18" => 450 mm	1.05	11.81	20.67
27NT17500MMB	20"	B*	-	-	-	20" => 500 mm	1.17	13.78	23.62
27NT17560MMB	22"	B	-	-	-	22" => 560 mm	1.31	13.78	24.80
27NT17630MMB	24"	B	-	-	-	24" => 630 mm	1.47	13.78	26.18

* Also available as a Style A fitting. Consult factory for pricing.

FEMALE THREADED TEE W/NPT LEAD FREE BRASS - SOCKET FUSION

(A)



Material: PP-RCT-Brass
Range: \emptyset 1/2" x 1/2"NPT ÷ 1" x 1"NPT

(B)

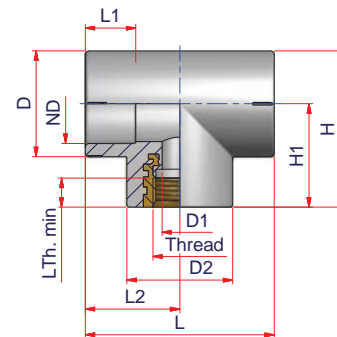
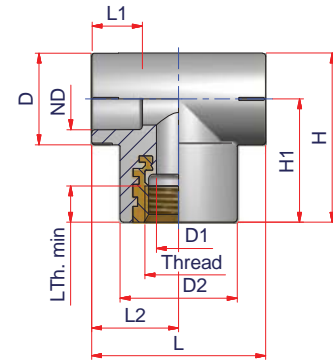


FIG. 216B

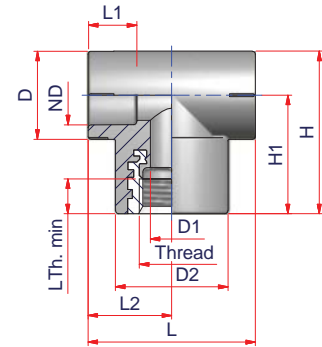
Code	\emptyset	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L Thread min	L1	L2	L	H1	H
27NTF2012NPT	1/2" x 1/2"NPT	A	50	0.172	0.0060	1/2" => 20 mm	0.56	1.46	1.14	1/2"NPT	0.53	0.63	1.08	2.17	1.54	2.11
27NTF2512NPT	3/4" x 1/2"NPT	A	40	0.195	0.0074	3/4" => 25 mm	0.56	1.46	1.38	1/2"NPT	0.53	0.67	1.20	2.40	1.54	2.22
27NTF2534NPT	3/4" x 3/4"NPT	A	35	0.255	0.0085	3/4" => 25 mm	0.73	1.65	1.38	3/4"NPT	0.55	0.67	1.20	2.40	1.54	2.22
27NTF3212NPT	1" x 1/2"NPT	B	20	0.259	0.0145	1" => 32 mm	0.56	1.65	1.65	1/2"NPT	0.53	0.79	1.48	2.95	1.61	2.44
27NTF3234NPT	1" x 3/4"NPT	B	24	0.307	0.0124	1" => 32 mm	0.73	1.65	1.65	3/4"NPT	0.55	0.79	1.48	2.95	1.61	2.44
27NTF321NPT	1" x 1"NPT	B	16	0.474	0.0184	1" => 32 mm	0.95	2.13	2.13	1"NPT	0.66	0.79	1.85	3.74	1.54	2.60

FEMALE THREADED TEE W/NPT STAINLESS STEEL - SOCKET FUSION

(A)



Material: PP-RCT-Stainless steel
Range: \varnothing 1/2" x 1/2"NPT ÷ 1"x 1" NPT



(B)

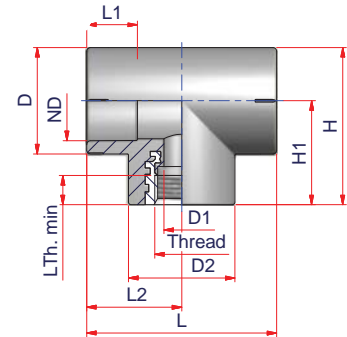


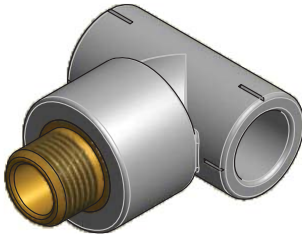
FIG. 216C

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L Thread min	L1	L2	L	H1	H
27NTF2012SSNPT	1/2" x 1/2"NPT	A	50	0.172	0.0060	1/2" => 20 mm	0.56	1.46	1.14	1/2"NPT	0.53	0.63	1.08	2.17	1.54	2.11
27NTF2512SSNPT	3/4" x 1/2"NPT	A	40	0.195	0.0074	3/4" => 25 mm	0.56	1.46	1.38	1/2"NPT	0.53	0.67	1.20	2.40	1.54	2.22
27NTF2534SSNPT	3/4" x 3/4"NPT	A	35	0.255	0.0085	3/4" => 25 mm	0.73	1.65	1.38	3/4"NPT	0.55	0.67	1.20	2.40	1.54	2.22
27NTF3212SSNPT	1" x 1/2"NPT	B	20	0.259	0.0145	1" => 32 mm	0.56	1.65	1.65	1/2"NPT	0.53	0.79	1.48	2.95	1.61	2.44
27NTF3234SSNPT	1" x 3/4"NPT	B	24	0.307	0.0124	1" => 32 mm	0.73	1.65	1.65	3/4"NPT	0.55	0.79	1.48	2.95	1.61	2.44
27NTF321SSNPT	1" x 1" NPT	B	16	0.474	0.0184	1" => 32 mm	0.95	2.13	2.13	1"NPT	0.66	0.79	1.85	3.74	1.54	2.60

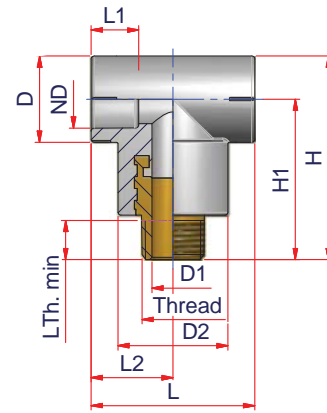


MALE THREADED TEE W/NPT LEAD FREE BRASS - SOCKET FUSION

(A)



Material: PP-RCT-Brass
Range: \varnothing 1/2" x 1/2" NPT ÷ 1" x 1" NPT



(B)

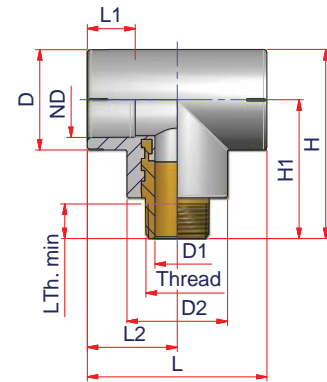
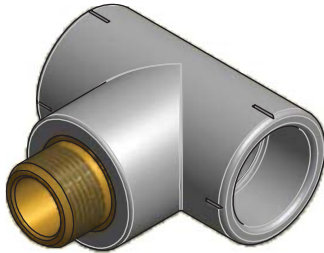


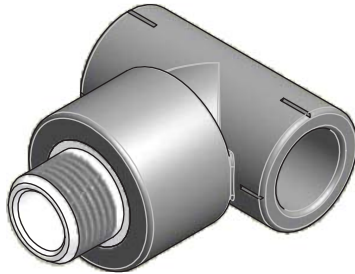
FIG. 216D

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L Thread min	L1	L2	L	H1	H
27NTM2012NPT	1/2" x 1/2" NPT	A	50	0.251	0.0060	1/2" => 20 mm	0.56	1.46	1.14	1/2" NPT	0.53	0.63	1.08	2.17	2.13	2.70
27NTM2512NPT	3/4" x 1/2" NPT	A	40	0.255	0.0085	3/4" => 25 mm	0.56	1.46	1.38	1/2" NPT	0.53	0.67	1.20	2.40	2.13	2.82
27NTM2534NPT	3/4" x 3/4" NPT	A	30	0.356	0.0099	3/4" => 25 mm	0.73	1.65	1.38	3/4" NPT	0.55	0.67	1.20	2.40	2.21	2.89
27NTM3212NPT	1" x 1/2" NPT	B	25	0.328	0.0117	1" => 32 mm	0.56	1.65	1.65	1/2" NPT	0.53	0.79	1.48	2.95	2.21	3.03
27NTM3234NPT	1" x 3/4" NPT	B	24	0.352	0.0124	1" => 32 mm	0.73	1.65	1.65	3/4" NPT	0.55	0.79	1.48	2.95	2.28	3.10
27NTM321NPT	1" x 1" NPT	B	14	0.708	0.0208	1" => 32 mm	0.95	2.13	1.65	1" NPT	0.68	0.79	1.87	3.74	2.50	3.35

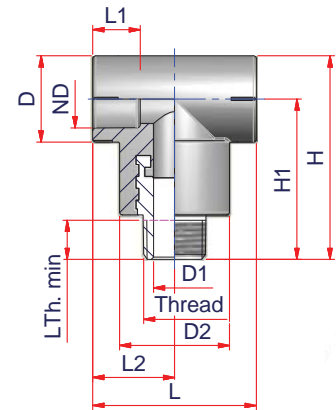


MALE THREADED TEE W/NPT STAINLESS STEEL - SOCKET FUSION

(A)



Material: PP-RCT-Stainless steel
Range: \varnothing 1/2" x 1/2" NPT ÷ 1" x 1" NPT



(B)

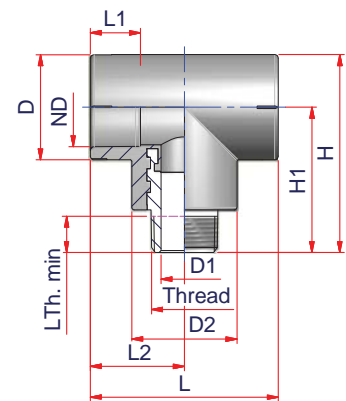
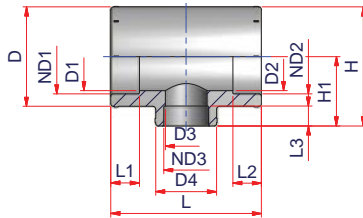
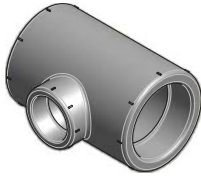


FIG. 216E

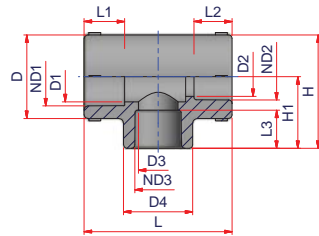
Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	Thread	L Thread min	L1	L2	L	H1	H
27NTM2012SSNPT	1/2" x 1/2" NPT	A	50	0.246	0.0060	1/2" => 20 mm	0.56	1.46	1.14	1/2" NPT	0.53	0.63	1.08	2.17	2.13	2.70
27NTM2512SSNPT	3/4" x 1/2" NPT	A	40	0.255	0.0085	3/4" => 25 mm	0.56	1.46	1.38	1/2" NPT	0.53	0.67	1.20	2.40	2.13	2.82
27NTM2534SSNPT	3/4" x 3/4" NPT	A	30	0.356	0.0099	3/4" => 25 mm	0.73	1.65	1.38	3/4" NPT	0.55	0.67	1.20	2.40	2.21	2.89
27NTM3212SSNPT	1" x 1/2" NPT	B	25	0.328	0.0134	1" => 32 mm	0.56	1.65	1.65	1/2" NPT	0.53	0.79	1.48	2.95	2.21	3.03
27NTM3234SSNPT	1" x 3/4" NPT	B	24	0.403	0.0124	1" => 32 mm	0.73	1.65	1.65	3/4" NPT	0.55	0.79	1.48	2.95	2.28	3.10
27NTM321SSNPT	1" x 1" NPT	B	14	0.708	0.0208	1" => 32 mm	0.95	2.13	2.13	1" NPT	0.68	0.79	1.87	3.74	2.50	3.35



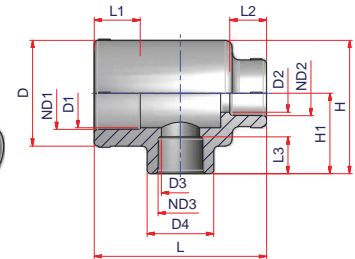
(A)



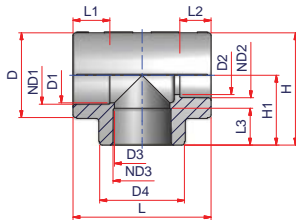
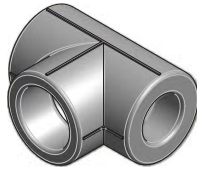
(B)



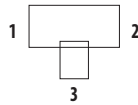
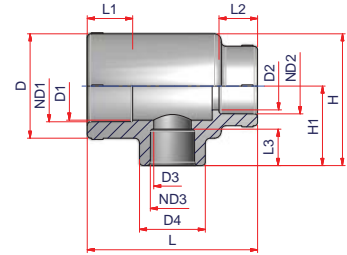
(D)



(C)



(E)



REDUCED TEE - SOCKET FUSION

Material: PP-RCT

Range: $\varnothing \frac{3}{4}'' \times \frac{1}{2}'' \times \frac{1}{2}'' \div 5'' \times 5'' \times 4''$

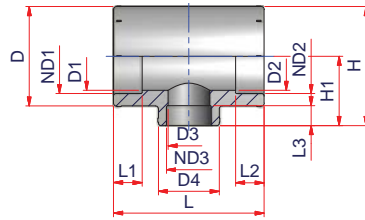
FIG. 216F

Code	Type	\varnothing (ND1xND2xND3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	D1	D2	D3	D4	D	L1	L2	L3	L	H1	H
27NTR252020	B	$\frac{3}{4}'' \times \frac{1}{2}'' \times \frac{1}{2}''$	90	0.091	0.0067	0.83	0.65	0.65	1.14	1.38	0.67	0.63	0.63	2.44	1.18	1.87
27NTR252025	A	$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{1}{2}''$	80	0.085	0.0074	0.83	0.83	0.65	1.14	1.38	0.67	0.67	0.63	2.44	1.18	1.87
27NTR252520	C	$\frac{3}{4}'' \times \frac{1}{2}'' \times \frac{3}{4}''$	80	0.099	0.0074	0.83	0.65	0.83	1.38	1.38	0.67	0.63	0.67	2.44	1.18	1.87
27NTR253225	A	$\frac{3}{4}'' \times \frac{3}{4}'' \times 1''$	-	1.320	-	0.83	0.83	0.83	1.81	1.81	0.67	0.67	0.79	2.91	1.49	2.40
27NTR322020	D	$1'' \times \frac{1}{2}'' \times \frac{1}{2}''$	50	0.176	0.0120	1.18	0.65	0.65	1.14	1.81	0.79	0.63	0.63	2.95	1.38	2.28
27NTR322025	E	$1'' \times \frac{3}{4}'' \times \frac{1}{2}''$	40	0.224	0.0155	1.18	0.83	0.65	1.14	1.81	0.79	0.67	0.63	2.95	1.38	2.28
27NTR322032	A	$1'' \times 1'' \times \frac{1}{2}''$	40	0.158	0.0155	1.18	1.18	0.65	1.14	1.81	0.79	0.79	0.63	2.95	1.38	2.28
27NTR322525	B	$1'' \times \frac{3}{4}'' \times \frac{3}{4}''$	50	0.174	0.0120	1.18	0.83	0.83	1.38	1.81	0.79	0.67	0.67	2.95	1.38	2.28
27NTR322532	A	$1'' \times 1'' \times \frac{3}{4}''$	40	0.162	0.0148	1.18	1.18	0.83	1.38	1.81	0.79	0.79	0.67	2.95	1.38	2.28
27NTR323225	C	$1'' \times \frac{3}{4}'' \times 1''$	40	0.198	0.0155	1.18	0.83	1.18	1.81	1.81	0.79	0.67	0.79	2.95	1.50	2.40
27NTR402040	A	$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{1}{2}''$	20	0.187	0.0145	1.42	1.42	0.65	1.30	2.09	0.95	0.95	0.63	2.91	1.54	2.60
27NTR402540	A	$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{4}''$	20	0.187	0.0145	1.42	1.42	0.83	1.30	2.09	0.95	0.95	0.79	2.91	1.54	2.60
27NTR403240	A	$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times 1''$	18	0.287	0.0162	1.38	1.38	1.18	2.13	2.13	0.87	0.87	0.79	3.43	1.69	2.76
27NTR502050	A	$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{2}''$	12	0.348	0.0244	1.85	1.85	0.65	1.69	2.60	1.02	1.02	0.63	3.43	1.85	3.15
27NTR502550	A	$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{3}{4}''$	10	0.352	0.0293	1.85	1.85	0.83	1.69	2.60	1.02	1.02	0.79	3.43	1.85	3.15
27NTR503250	A	$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times 1''$	14	0.314	0.0208	1.85	1.85	1.18	1.69	2.60	1.02	1.02	0.79	3.43	1.85	3.15
27NTR504050	A	$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times 1\frac{1}{4}''$	8	0.495	0.0367	1.69	1.69	1.42	2.60	2.60	0.91	0.91	0.87	4.02	1.97	3.27

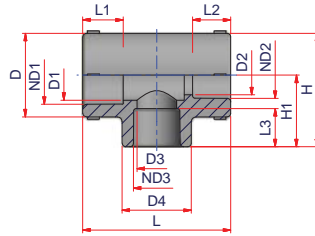
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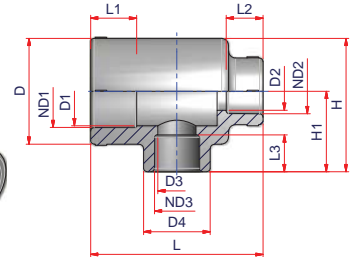
(A)



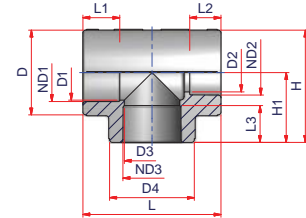
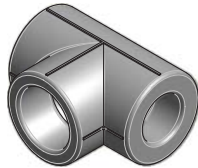
(B)



(D)



(C)



(E)

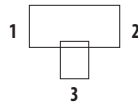
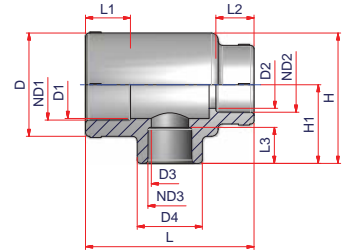
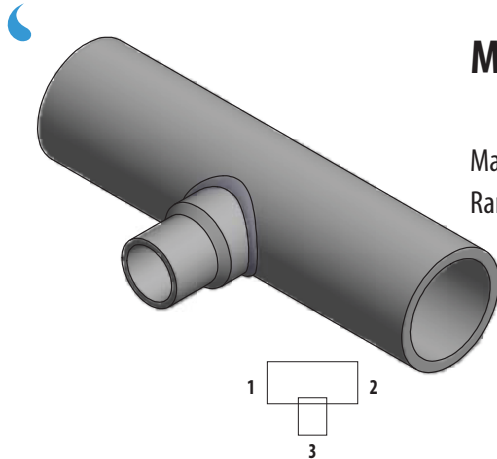


FIG. 216F

Code	Type	ø (ND1xND2xND3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	D1	D2	D3	D4	D	L1	L2	L3	L	H1	H
27NTR632563	A	2" x 2" x ¾"	6	0.642	0.0487	2.36	2.36	0.83	2.09	3.27	1.18	1.18	0.69	4.02	2.13	3.78
27NTR633263	A	2" x 2" x 1"	6	0.623	0.0487	2.36	2.36	1.18	2.09	3.27	1.18	1.18	0.83	4.02	2.13	3.78
27NTR634063	A	2" x 2" x 1¼"	6	0.605	0.0487	2.36	2.36	1.42	2.09	3.27	1.18	1.18	0.91	4.02	2.13	3.78
27NTR635063	A	2" x 2" x 1½"	6	0.770	0.0487	1.97	2.36	1.81	3.15	3.15	0.98	0.98	1.02	4.80	2.52	4.09
27NTR753275	A	2½" x 2½" x 1"	7	1.414	0.0848	2.36	2.36	0.87	1.69	3.86	1.18	1.18	0.71	5.47	2.64	4.57
27NTR754075	A	2½" x 2½" x 1¼"	6	1.474	0.0989	2.36	2.36	1.42	2.56	3.86	1.18	1.18	0.91	5.47	2.72	4.65
27NTR755075	A	2½" x 2½" x 1½"	6	1.393	0.0989	2.60	2.60	1.81	2.76	3.98	1.30	1.30	0.98	5.75	2.87	4.86
27NTR756375	A	2½" x 2½" x 2"	6	1.650	0.0989	2.60	2.60	2.32	3.39	3.98	1.30	1.30	1.14	5.75	2.87	4.86
27NTR906390	A	3" x 3" x 2"	4	2.228	0.1483	3.07	3.07	1.97	3.35	4.72	1.30	1.30	1.06	6.30	2.87	5.24
27NTR907590	A	3" x 3" x 2½"	4	1.898	0.1483	3.43	3.43	2.80	4.49	4.49	1.46	1.46	1.30	6.58	3.27	5.51
27NTR11063110	A	4" x 4" x 2"	2	2.860	0.2963	-	3.94	-	2.32	3.94	3.39	1.69	5.75	1.30	1.69	7.87
27NTR11075110	A	4" x 4" x 2½"	2	3.575	0.2963	-	3.94	-	2.72	3.94	3.98	1.69	5.75	1.30	1.69	7.87
27NTR11090110	A	4" x 4" x 3"	2	3.630	0.2963	-	3.94	-	3.35	3.94	4.69	1.87	5.75	1.46	1.69	7.87
27NTR12575125	A	5" x 5" x 2½"	20	5.665	0.3814	-	4.45	-	2.72	4.45	3.98	1.87	6.50	1.30	1.87	9.84
27NTR12590125	A	5" x 5" x 3"	1	5.940	0.5926	-	4.45	-	3.35	4.45	4.80	1.87	6.50	1.46	1.87	9.84
27NTR125110125	A	5" x 5" x 4"	20	5.885	0.3814	-	4.45	-	3.94	4.45	5.75	1.87	6.50	1.69	1.87	9.84



MALE SIDE FUSION REDUCED TEE - LONG SPIGOT

Material: PP-RCT
Range: $\varnothing 6'' \times 6'' \times 2'' \div 20'' \times 20'' \times 6''$

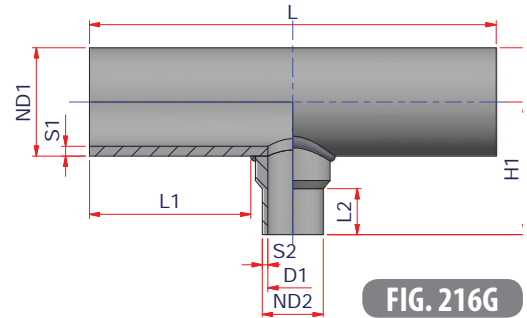
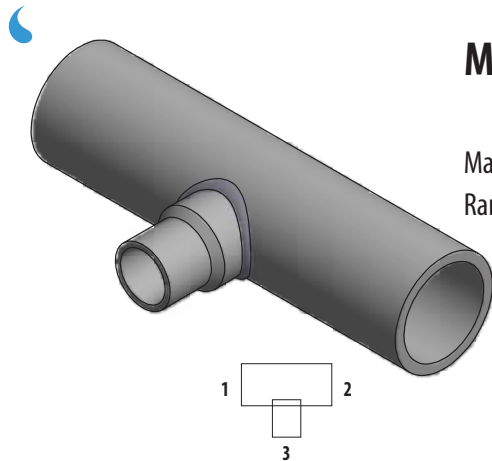


FIG. 216G

SDR 11

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L	H1	H
27NTR1116063M160	6" x 6" x 2"	1	6,050	-	6" => 160 mm	2" => 63 mm	0.58	0.23	3.82	1.38	11.81	5.55	8.70
27NTR1116075M160	6" x 6" x 2 1/2"	1	6,160	-	6" => 160 mm	2 1/2" => 75 mm	0.58	0.27	3.82	3.25	12.60	7.28	10.43
27NTR1116090M160	6" x 6" x 3"	1	6,600	-	6" => 160 mm	3" => 90 mm	0.58	0.32	3.82	3.07	12.99	7.44	10.59
27NTR11160110M160	6" x 6" x 4"	1	7,040	-	6" => 160 mm	4" => 110 mm	0.58	0.39	3.82	3.07	13.15	7.72	10.87
27NTR11160125M160	6" x 6" x 5"	1	7,480	-	6" => 160 mm	5" => 125 mm	0.58	0.45	3.82	3.94	14.53	8.78	11.93
27NTR1120063M200	8" x 8" x 2"	1	8,360	-	8" => 200 mm	2" => 63 mm	0.72	0.23	4.19	1.38	12.60	6.34	10.28
27NTR1120075M200	8" x 8" x 2 1/2"	1	8,800	-	8" => 200 mm	2 1/2" => 75 mm	0.72	0.27	4.19	3.25	12.60	8.07	12.00
27NTR1120090M200	8" x 8" x 3"	1	9,240	-	8" => 200 mm	3" => 90 mm	0.72	0.32	4.19	3.07	13.78	8.23	12.17
27NTR11200110M200	8" x 8" x 4"	1	9,680	-	8" => 200 mm	4" => 110 mm	0.72	0.39	4.19	3.07	14.69	8.50	12.44
27NTR11200125M200	8" x 8" x 5"	1	10,120	-	8" => 200 mm	5" => 125 mm	0.72	0.45	4.19	3.94	15.28	9.57	13.50
27NTR11200160M200	8" x 8" x 6"	1	11,000	-	8" => 200 mm	6" => 160 mm	0.72	0.58	4.19	3.82	17.24	9.25	13.19
27NTR1125063M250	10" x 10" x 2"	1	11,440	-	10" => 250 mm	2" => 63 mm	0.89	0.23	4.76	1.38	13.52	7.32	12.24
27NTR1125075M250	10" x 10" x 2 1/2"	1	11,880	-	10" => 250 mm	2 1/2" => 75 mm	0.89	0.27	4.76	3.25	13.60	8.06	13.98
27NTR1125090M250	10" x 10" x 3"	1	12,320	-	10" => 250 mm	3" => 90 mm	0.89	0.32	4.76	3.07	14.88	9.21	14.13
27NTR11250110M250	10" x 10" x 4"	1	12,760	-	10" => 250 mm	4" => 110 mm	0.89	0.39	4.76	3.07	15.83	9.00	14.41
27NTR11250125M250	10" x 10" x 5"	1	13,200	-	10" => 250 mm	5" => 125 mm	0.89	0.45	4.76	3.94	16.42	10.55	15.47
27NTR11250160M250	10" x 10" x 6"	1	13,640	-	10" => 250 mm	6" => 160 mm	0.89	0.58	4.76	3.82	18.39	12.32	17.24
27NTR1131563M315	12" x 12" x 2"	1	15,400	-	12" => 315 mm	2" => 63 mm	1.13	0.23	5.51	1.38	15.75	8.60	14.80
27NTR1131575M315	12" x 12" x 2 1/2"	1	15,840	-	12" => 315 mm	2 1/2" => 75 mm	1.13	0.27	5.51	3.25	15.93	10.33	16.54
27NTR1131590M315	12" x 12" x 3"	1	16,280	-	12" => 315 mm	3" => 90 mm	1.13	0.32	5.51	3.07	16.77	10.49	16.69
27NTR11315110M315	12" x 12" x 4"	1	16,720	-	12" => 315 mm	4" => 110 mm	1.13	0.39	5.51	3.07	17.32	10.77	16.97
27NTR11315125M315	12" x 12" x 5"	1	17,160	-	12" => 315 mm	5" => 125 mm	1.13	0.45	5.51	3.94	17.91	11.83	18.03
27NTR11315160M315	12" x 12" x 6"	1	17,600	-	12" => 315 mm	6" => 160 mm	1.13	0.58	5.51	3.82	19.88	13.66	19.80
27NTR1135563M355	14" x 14" x 2"	1	18,040	-	14" => 355 mm	2" => 63 mm	1.27	0.23	5.91	1.38	15.80	9.39	16.38
27NTR1135575M355	14" x 14" x 2 1/2"	1	19,800	-	14" => 355 mm	2 1/2" => 75 mm	1.27	0.27	5.91	3.25	16.32	11.12	18.11
27NTR1135590M355	14" x 14" x 3"	1	20,350	-	14" => 355 mm	3" => 90 mm	1.27	0.32	5.91	3.07	17.17	11.28	18.27
27NTR11355110M355	14" x 14" x 4"	1	20,900	-	14" => 355 mm	4" => 110 mm	1.27	0.39	5.91	3.07	18.11	11.56	18.54
27NTR11355125M355	14" x 14" x 5"	1	21,450	-	14" => 355 mm	5" => 125 mm	1.27	0.45	5.91	3.94	18.70	12.62	19.61
27NTR11355160M355	14" x 14" x 6"	1	22,000	-	14" => 355 mm	6" => 160 mm	1.27	0.58	5.91	4.06	20.67	14.39	21.38

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MALE SIDE FUSION REDUCED TEE - LONG SPIGOT

Material: PP-RCT
 Range: $\varnothing 6'' \times 6'' \times 2'' \div 20'' \times 20'' \times 6''$

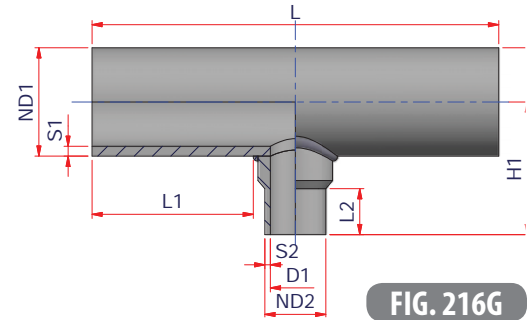
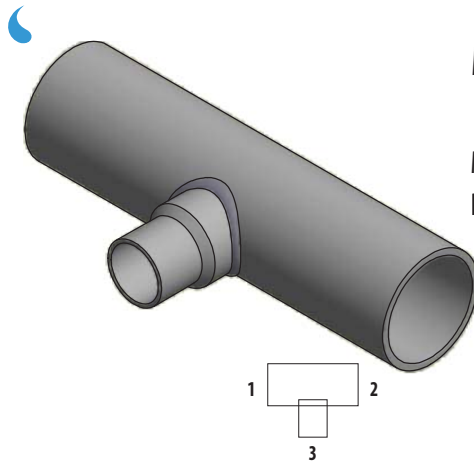


FIG. 216G

SDR 11

Code	\varnothing (1x2x3)	Carton Weight Volume			ND1	ND2	S1	S2	L1	L2	L	H1	H
		Qty	lb/p.	ft ³ /p.									
27NTR1140063M400	16" x 16" x 2"	1	-	-	16" => 400 mm	2" => 63 mm	1.43	0.23	6.89	1.38	18.56	10.28	18.15
27NTR1140075M400	16" x 16" x 2 1/2"	1	-	-	16" => 400 mm	2 1/2" => 75 mm	1.43	0.27	6.89	3.25	19.08	12.00	19.88
27NTR1140090M400	16" x 16" x 3"	1	-	-	16" => 400 mm	3" => 90 mm	1.43	0.32	6.89	3.07	19.92	12.17	20.04
27NTR11400110M400	16" x 16" x 4"	1	-	-	16" => 400 mm	4" => 110 mm	1.43	0.39	6.89	3.07	20.87	12.44	20.31
27NTR11400125M400	16" x 16" x 5"	1	-	-	16" => 400 mm	5" => 125 mm	1.43	0.45	6.89	3.94	21.46	13.50	21.38
27NTR11400160M400	16" x 16" x 6"	1	-	-	16" => 400 mm	6" => 160 mm	1.43	0.58	6.89	4.06	23.43	15.28	23.15
27NTR1145063M450	18" x 18" x 2"	1	-	-	18" => 450 mm	2" => 63 mm	1.61	0.23	7.87	1.38	20.52	11.26	20.12
27NTR1145075M450	18" x 18" x 2 1/2"	1	-	-	18" => 450 mm	2 1/2" => 75 mm	1.61	0.27	7.87	3.25	21.04	12.99	21.85
27NTR1145090M450	18" x 18" x 3"	1	-	-	18" => 450 mm	3" => 90 mm	1.61	0.32	7.87	3.07	21.88	13.15	22.01
27NTR11450110M450	18" x 18" x 4"	1	-	-	18" => 450 mm	4" => 110 mm	1.61	0.39	7.87	3.07	22.83	13.43	22.28
27NTR11450125M450	18" x 18" x 5"	1	-	-	18" => 450 mm	5" => 125 mm	1.61	0.45	7.87	3.94	23.42	14.49	23.35
27NTR11450160M450	18" x 18" x 6"	1	-	-	18" => 450 mm	6" => 160 mm	1.61	0.58	7.87	4.06	25.39	16.26	25.12
27NTR1150063M500	20" x 20" x 2"	1	-	-	20" => 500 mm	2" => 63 mm	1.79	0.23	8.66	1.38	22.10	12.24	22.09
27NTR1150075M500	20" x 20" x 2 1/2"	1	-	-	20" => 500 mm	2 1/2" => 75 mm	1.79	0.27	8.66	3.25	22.62	13.98	23.82
27NTR1150090M500	20" x 20" x 3"	1	-	-	20" => 500 mm	3" => 90 mm	1.79	0.32	8.66	3.07	23.46	14.13	23.98
27NTR11500110M500	20" x 20" x 4"	1	-	-	20" => 500 mm	4" => 110 mm	1.79	0.39	8.66	3.07	24.41	14.41	24.25
27NTR11500125M500	20" x 20" x 5"	1	-	-	20" => 500 mm	5" => 125 mm	1.79	0.45	8.66	3.94	25.00	15.47	25.31
27NTR11500160M500	20" x 20" x 6"	1	-	-	20" => 500 mm	6" => 160 mm	1.79	0.58	8.66	4.06	26.97	17.24	27.09



MALE SIDE FUSION REDUCED TEE - LONG SPIGOT

Material: PP-RCT

Range: $\varnothing 6'' \times 6'' \times 2'' \div 24'' \times 24'' \times 6''$

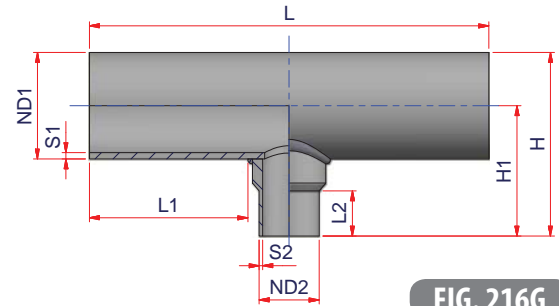
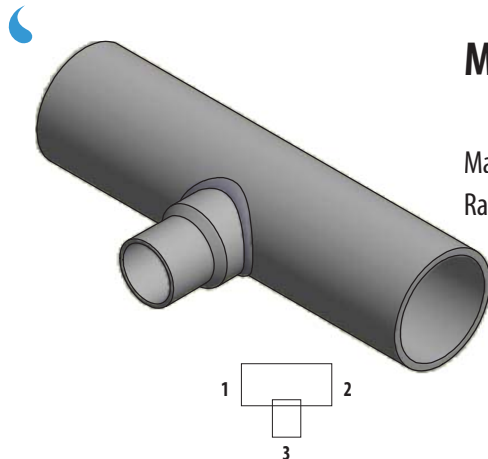


FIG. 216G

SDR 17

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L	H1	H
27NTR1716063M160	6" x 6" x 2"	1	6,050	-	6" => 160 mm	2" => 63 mm	0.37	0.15	3.82	1.38	11.81	5.55	8.70
27NTR1716075M160	6" x 6" x 2 1/2"	1	6,160	-	6" => 160 mm	2 1/2" => 75 mm	0.37	0.18	3.82	3.25	12.60	7.28	10.43
27NTR1716090M160	6" x 6" x 3"	1	6,600	-	6" => 160 mm	3" => 90 mm	0.37	0.21	3.82	3.07	12.99	7.44	10.59
27NTR17160110M160	6" x 6" x 4"	1	7,040	-	6" => 160 mm	4" => 110 mm	0.37	0.26	3.82	3.07	13.15	7.72	10.87
27NTR17160125M160	6" x 6" x 5"	1	7,480	-	6" => 160 mm	5" => 125 mm	0.37	0.29	3.82	3.94	14.53	8.78	11.93
27NTR1720063M200	8" x 8" x 2"	1	8,360	-	8" => 200 mm	2" => 63 mm	0.47	0.15	4.19	1.38	12.60	6.34	10.28
27NTR1720075M200	8" x 8" x 2 1/2"	1	8,800	-	8" => 200 mm	2 1/2" => 75 mm	0.47	0.18	4.19	3.25	12.60	8.07	12.00
27NTR1720090M200	8" x 8" x 3"	1	9,240	-	8" => 200 mm	3" => 90 mm	0.47	0.21	4.19	3.07	13.78	8.23	12.17
27NTR17200110M200	8" x 8" x 4"	1	9,680	-	8" => 200 mm	4" => 110 mm	0.47	0.26	4.19	3.07	14.69	8.50	12.44
27NTR17200125M200	8" x 8" x 5"	1	10,120	-	8" => 200 mm	5" => 125 mm	0.47	0.29	4.19	3.94	15.28	9.57	13.50
27NTR17200160M200	8" x 8" x 6"	1	11,000	-	8" => 200 mm	6" => 160 mm	0.47	0.37	4.19	3.82	17.24	9.25	13.19
27NTR1725063M250	10" x 10" x 2"	1	11,440	-	10" => 250 mm	2" => 63 mm	0.58	0.15	4.76	1.38	13.52	7.32	12.24
27NTR1725075M250	10" x 10" x 2 1/2"	1	11,880	-	10" => 250 mm	2 1/2" => 75 mm	0.58	0.18	4.76	3.25	13.60	8.06	13.98
27NTR1725090M250	10" x 10" x 3"	1	12,320	-	10" => 250 mm	3" => 90 mm	0.58	0.21	4.76	3.07	14.88	9.21	14.13
27NTR17250110M250	10" x 10" x 4"	1	12,760	-	10" => 250 mm	4" => 110 mm	0.58	0.26	4.76	3.07	15.83	9.00	14.41
27NTR17250125M250	10" x 10" x 5"	1	13,200	-	10" => 250 mm	5" => 125 mm	0.58	0.29	4.76	3.94	16.42	10.55	15.47
27NTR17250160M250	10" x 10" x 6"	1	13,640	-	10" => 250 mm	6" => 160 mm	0.58	0.37	4.76	3.82	18.39	12.32	17.24
27NTR1731563M315	12" x 12" x 2"	1	15,400	-	12" => 315 mm	2" => 63 mm	0.74	0.15	5.51	1.38	15.75	8.60	14.80
27NTR1731575M315	12" x 12" x 2 1/2"	1	15,840	-	12" => 315 mm	2 1/2" => 75 mm	0.74	0.18	5.51	3.25	15.93	10.33	16.54
27NTR1731590M315	12" x 12" x 3"	1	16,280	-	12" => 315 mm	3" => 90 mm	0.74	0.21	5.51	3.07	16.77	10.49	16.69
27NTR17315110M315	12" x 12" x 4"	1	16,720	-	12" => 315 mm	4" => 110 mm	0.74	0.26	5.51	3.07	17.32	10.77	16.97
27NTR17315125M315	12" x 12" x 5"	1	17,160	-	12" => 315 mm	5" => 125 mm	0.74	0.29	5.51	3.94	17.91	11.83	18.03
27NTR17315160M315	12" x 12" x 6"	1	17,600	-	12" => 315 mm	6" => 160 mm	0.74	0.37	5.51	3.82	19.88	13.66	19.80
27NTR1735563M355	14" x 14" x 2"	1	18,040	-	14" => 355 mm	2" => 63 mm	0.83	0.15	5.91	1.38	15.80	9.39	16.38
27NTR1735575M355	14" x 14" x 2 1/2"	1	19,800	-	14" => 355 mm	2 1/2" => 75 mm	0.83	0.18	5.91	3.25	16.32	11.12	18.11
27NTR1735590M355	14" x 14" x 3"	1	20,350	-	14" => 355 mm	3" => 90 mm	0.83	0.21	5.91	3.07	17.17	11.28	18.27
27NTR17355110M355	14" x 14" x 4"	1	20,900	-	14" => 355 mm	4" => 110 mm	0.83	0.26	5.91	3.07	18.11	11.56	18.54
27NTR17355125M355	14" x 14" x 5"	1	21,450	-	14" => 355 mm	5" => 125 mm	0.83	0.29	5.91	3.94	18.70	12.62	19.61
27NTR17355160M355	14" x 14" x 6"	1	22,000	-	14" => 355 mm	6" => 160 mm	0.83	0.37	5.91	4.06	20.67	14.39	21.38

follow ...



MALE SIDE FUSION REDUCED TEE - LONG SPIGOT

Material: PP-RCT
Range: $\varnothing 6'' \times 6'' \times 2'' \div 24'' \times 24'' \times 6''$

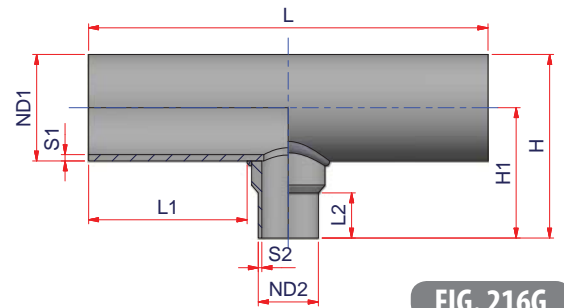
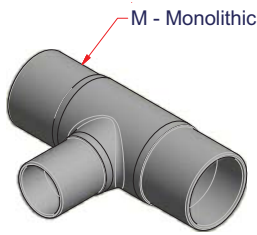


FIG. 216G

SDR 17

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L	H1	H
27NTR1740063M400	16" x 16" x 2"	1	-	-	16" => 400 mm	2" => 63 mm	0.93	0.15	6.89	1.38	18.56	10.28	18.15
27NTR1740075M400	16" x 16" x 2 1/2"	1	-	-	16" => 400 mm	2 1/2" => 75 mm	0.93	0.18	6.89	3.25	19.08	12.00	19.88
27NTR1740090M400	16" x 16" x 3"	1	-	-	16" => 400 mm	3" => 90 mm	0.93	0.21	6.89	3.07	19.92	12.17	20.04
27NTR17400110M400	16" x 16" x 4"	1	-	-	16" => 400 mm	4" => 110 mm	0.93	0.26	6.89	3.07	20.87	12.44	20.31
27NTR17400125M400	16" x 16" x 5"	1	-	-	16" => 400 mm	5" => 125 mm	0.93	0.29	6.89	3.94	21.46	13.50	21.38
27NTR17400160M400	16" x 16" x 6"	1	-	-	16" => 400 mm	6" => 160 mm	0.93	0.37	6.89	4.06	23.43	15.28	23.15
27NTR1745063M450	18" x 18" x 2"	1	-	-	18" => 450 mm	2" => 63 mm	1.05	0.15	7.87	1.38	20.52	11.26	20.12
27NTR1745075M450	18" x 18" x 2 1/2"	1	-	-	18" => 450 mm	2 1/2" => 75 mm	1.05	0.18	7.87	3.25	21.04	12.99	21.85
27NTR1745090M450	18" x 18" x 3"	1	-	-	18" => 450 mm	3" => 90 mm	1.05	0.21	7.87	3.07	21.88	13.15	22.01
27NTR17450110M450	18" x 18" x 4"	1	-	-	18" => 450 mm	4" => 110 mm	1.05	0.26	7.87	3.07	22.83	13.43	22.28
27NTR17450125M450	18" x 18" x 5"	1	-	-	18" => 450 mm	5" => 125 mm	1.05	0.29	7.87	3.94	23.42	14.49	23.35
27NTR17450160M450	18" x 18" x 6"	1	-	-	18" => 450 mm	6" => 160 mm	1.05	0.37	7.87	4.06	25.39	16.26	25.12
27NTR1750063M500	20" x 20" x 2"	1	-	-	20" => 500 mm	2" => 63 mm	1.17	0.15	8.66	1.38	22.10	12.24	22.09
27NTR1750075M500	20" x 20" x 2 1/2"	1	-	-	20" => 500 mm	2 1/2" => 75 mm	1.17	0.18	8.66	3.25	22.62	13.98	23.82
27NTR1750090M500	20" x 20" x 3"	1	-	-	20" => 500 mm	3" => 90 mm	1.17	0.21	8.66	3.07	23.46	14.13	23.98
27NTR17500110M500	20" x 20" x 4"	1	-	-	20" => 500 mm	4" => 110 mm	1.17	0.26	8.66	3.07	24.41	14.41	24.25
27NTR17500125M500	20" x 20" x 5"	1	-	-	20" => 500 mm	5" => 125 mm	1.17	0.29	8.66	3.94	25.00	15.47	25.31
27NTR17500160M500	20" x 20" x 6"	1	-	-	20" => 500 mm	6" => 160 mm	1.17	0.37	8.66	4.06	26.97	17.24	27.09
27NTR1756063M560	22" x 22" x 2"	1	-	-	22" => 560 mm	2" => 63 mm	1.31	0.15	9.45	1.38	23.68	13.43	24.45
27NTR1756075M560	22" x 22" x 2 1/2"	1	-	-	22" => 560 mm	2 1/2" => 75 mm	1.31	0.18	9.45	3.25	24.20	15.16	26.18
27NTR1756090M560	22" x 22" x 3"	1	-	-	22" => 560 mm	3" => 90 mm	1.31	0.21	9.45	3.07	25.04	15.31	26.34
27NTR17560110M560	22" x 22" x 4"	1	-	-	22" => 560 mm	4" => 110 mm	1.31	0.26	9.45	3.07	25.99	15.59	26.61
27NTR17560125M560	22" x 22" x 5"	1	-	-	22" => 560 mm	5" => 125 mm	1.31	0.29	9.45	3.94	26.58	16.65	27.68
27NTR17560160M560	22" x 22" x 6"	1	-	-	22" => 560 mm	6" => 160 mm	1.31	0.37	9.45	4.06	28.55	18.43	29.45
27NTR1763063M630	24" x 24" x 2"	1	-	-	24" => 630 mm	2" => 63 mm	1.47	0.15	10.23	1.38	25.24	14.80	27.20
27NTR1763075M630	24" x 24" x 2 1/2"	1	-	-	24" => 630 mm	2 1/2" => 75 mm	1.47	0.18	10.23	3.25	25.76	16.54	28.94
27NTR1763090M630	24" x 24" x 3"	1	-	-	24" => 630 mm	3" => 90 mm	1.47	0.21	10.23	3.07	26.60	16.69	29.09
27NTR17630110M630	24" x 24" x 4"	1	-	-	24" => 630 mm	4" => 110 mm	1.47	0.26	10.23	3.07	27.55	16.97	29.37
27NTR17630125M630	24" x 24" x 5"	1	-	-	24" => 630 mm	5" => 125 mm	1.47	0.29	10.23	3.94	28.14	18.03	30.43
27NTR17630160M630	24" x 24" x 6"	1	-	-	24" => 630 mm	6" => 160 mm	1.47	0.37	10.23	4.06	30.11	19.80	32.20



REDUCED TEE - LONG SPIGOT

Material: PP-RCT

Range: $\varnothing 3'' \times 3'' \times 1\frac{1}{4}'' \div 10'' \times 10'' \times 8''$

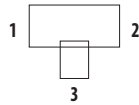
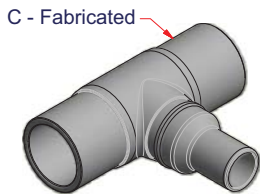
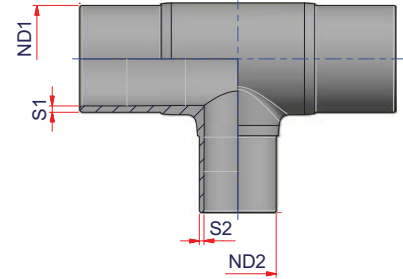


FIG. 216I

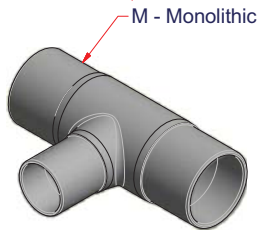
SDR 11

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	S1	ND2	S2
27NTRS119040MM	3" x 3" x 1¼"	-	-	-	3" => 90 mm	0.32	1¼" => 40 mm	0.15
27NTRS119050MM	3" x 3" x 1½"	-	-	-	3" => 90 mm	0.32	1½" => 50 mm	0.18
27NTRS119063MM	3" x 3" x 2"	-	-	-	3" => 90 mm	0.32	2" => 63 mm	0.23
27NTRS1111050MM	4" x 4" x 1½"	-	-	-	4" => 110 mm	0.39	1½" => 50 mm	0.18
27NTRS1111063MM	4" x 4" x 2"	-	-	-	4" => 110 mm	0.39	2" => 63 mm	0.23
27NTRS1111075MM	4" x 4" x 2½"	-	-	-	4" => 110 mm	0.39	2½" => 75 mm	0.27
27NTRS1111090MM	4" x 4" x 3"	-	-	-	4" => 110 mm	0.39	3" => 90 mm	0.32
27NTRS1112550MM	5" x 5" x 1½"	-	-	-	5" => 125 mm	0.45	1½" => 50 mm	0.18
27NTRS1112563MM	5" x 5" x 2"	-	-	-	5" => 125 mm	0.45	2" => 63 mm	0.23
27NTRS1112575MM	5" x 5" x 2½"	-	-	-	5" => 125 mm	0.45	2½" => 75 mm	0.27
27NTRS1112590MM	5" x 5" x 3"	-	-	-	5" => 125 mm	0.45	3" => 90 mm	0.32
27NTRS11125110MM	5" x 5" x 4"	-	-	-	5" => 125 mm	0.45	4" => 110 mm	0.39
27NTRS1116063MM	6" x 6" x 2"	-	-	-	6" => 160 mm	0.57	2" => 63 mm	0.23
27NTRS1116075MM	6" x 6" x 2½"	-	-	-	6" => 160 mm	0.57	2½" => 75 mm	0.27
27NTRS1116090MM	6" x 6" x 3"	-	-	-	6" => 160 mm	0.57	3" => 90 mm	0.32
27NTRS11160110MM	6" x 6" x 4"	-	-	-	6" => 160 mm	0.57	4" => 110 mm	0.39
27NTRS11160125MM	6" x 6" x 5"	-	-	-	6" => 160 mm	0.57	5" => 125 mm	0.45
27NTRS1120090MM	8" x 8" x 3"	-	-	-	8" => 200 mm	0.72	3" => 90 mm	0.32
27NTRS11200110MM	8" x 8" x 4"	-	-	-	8" => 200 mm	0.72	4" => 110 mm	0.39
27NTRS11200160MM	8" x 8" x 6"	-	-	-	8" => 200 mm	0.72	6" => 160 mm	0.57
27NTRS1125090MM	10" x 10" x 3"	-	-	-	10" => 250 mm	0.89	3" => 90 mm	0.32
27NTRS11250110MM	10" x 10" x 4"	-	-	-	10" => 250 mm	0.89	4" => 110 mm	0.39
27NTRS11250160MM	10" x 10" x 6"	-	-	-	10" => 250 mm	0.89	6" => 160 mm	0.57
27NTRS11250200MM	10" x 10" x 8"	-	-	-	10" => 250 mm	0.89	8" => 200 mm	0.72

Depending on stock availability, the fitting can be supplied molded (monolithic version) or composed (molded tee + reducing spigot).

The company reserves the right to provide a monolithic or composed fitting depending on internal needs.

Measures on request.



REDUCED TEE - LONG SPIGOT

Material: PP-RCT

Range: $\varnothing 3'' \times 3'' \times 1\frac{1}{4}'' \div 10'' \times 10'' \times 8''$

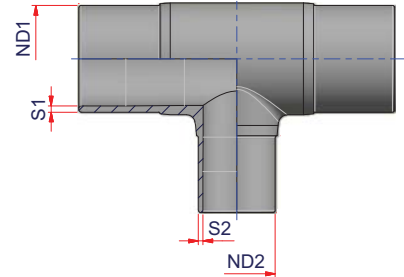
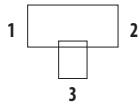
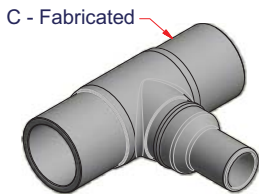


FIG. 216L

SDR 17

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	S1	ND2	S2
27NTRS179040MM	3" x 3" x 1¼"	-	-	-	3" => 90 mm	0.21	1¼" => 40 mm	0.09
27NTRS179050MM	3" x 3" x 1½"	-	-	-	3" => 90 mm	0.21	1½" => 50 mm	0.12
27NTRS179063MM	3" x 3" x 2"	-	-	-	3" => 90 mm	0.21	2" => 63 mm	0.15
27NTRS1711050MM	4" x 4" x 1½"	-	-	-	4" => 110 mm	0.26	1½" => 50 mm	0.12
27NTRS1711063MM	4" x 4" x 2"	-	-	-	4" => 110 mm	0.26	2" => 63 mm	0.15
27NTRS1711075MM	4" x 4" x 2½"	-	-	-	4" => 110 mm	0.26	2½" => 75 mm	0.18
27NTRS1711090MM	4" x 4" x 3"	-	-	-	4" => 110 mm	0.26	3" => 90 mm	0.21
27NTRS1712550MM	5" x 5" x 1½"	-	-	-	5" => 125 mm	0.29	1½" => 50 mm	0.12
27NTRS1712563MM	5" x 5" x 2"	-	-	-	5" => 125 mm	0.29	2" => 63 mm	0.15
27NTRS1712575MM	5" x 5" x 2½"	-	-	-	5" => 125 mm	0.29	2½" => 75 mm	0.18
27NTRS1712590MM	5" x 5" x 3"	-	-	-	5" => 125 mm	0.29	3" => 90 mm	0.21
27NTRS17125110MM	5" x 5" x 4"	-	-	-	5" => 125 mm	0.29	4" => 110 mm	0.26
27NTRS1716063MM	6" x 6" x 2"	-	-	-	6" => 160 mm	0.37	2" => 63 mm	0.15
27NTRS1716075MM	6" x 6" x 2½"	-	-	-	6" => 160 mm	0.37	2½" => 75 mm	0.18
27NTRS1716090MM	6" x 6" x 3"	-	-	-	6" => 160 mm	0.37	3" => 90 mm	0.21
27NTRS17160110MM	6" x 6" x 4"	-	-	-	6" => 160 mm	0.37	4" => 110 mm	0.26
27NTRS17160125MM	6" x 6" x 5"	-	-	-	6" => 160 mm	0.37	5" => 125 mm	0.29
27NTRS1720090MM	8" x 8" x 3"	-	-	-	8" => 200 mm	0.47	3" => 90 mm	0.21
27NTRS17200110MM	8" x 8" x 4"	-	-	-	8" => 200 mm	0.47	4" => 110 mm	0.26
27NTRS17200160MM	8" x 8" x 6"	-	-	-	8" => 200 mm	0.47	6" => 160 mm	0.37
27NTRS1725090MM	10" x 10" x 3"	-	-	-	10" => 250 mm	0.58	3" => 90 mm	0.21
27NTRS17250110MM	10" x 10" x 4"	-	-	-	10" => 250 mm	0.58	4" => 110 mm	0.26
27NTRS17250160MM	10" x 10" x 6"	-	-	-	10" => 250 mm	0.58	6" => 160 mm	0.37
27NTRS17250200MM	10" x 10" x 8"	-	-	-	10" => 250 mm	0.58	8" => 200 mm	0.47

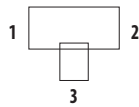
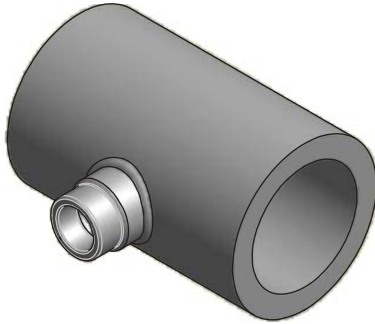
Depending on stock availability, the fitting can be supplied molded (monolithic version) or composed (molded tee + reducing spigot).

The company reserves the right to provide a monolithic or composed fitting depending on internal needs.

Measures on request.



FEMALE SIDE FUSION REDUCED TEE



Material: PP-RCT

Range: $\varnothing 3'' \times 3'' \times 1 \frac{1}{4}'' \div 14'' \times 14'' \times 4''$

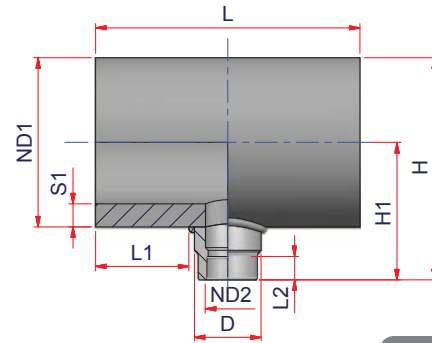
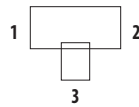
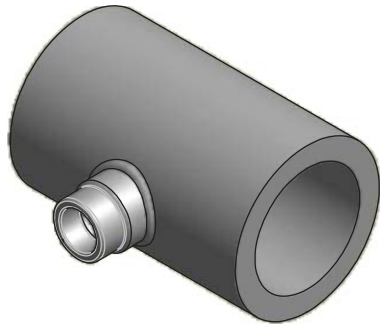


FIG. 216H

SDR 11

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	D	L1	L2	L	H1	H
27NTR119040F90	3" x 3" x 1 1/4"	1	2.750	-	3" => 90 mm	1 1/4" => 40 mm	0.32	2.48	2.95	0.87	8.98	3.66	5.43
27NTR119050F90	3" x 3" x 1 1/2"	1	2.860	-	3" => 90 mm	1 1/2" => 50 mm	0.32	2.76	2.95	0.98	9.26	3.86	5.63
27NTR119063F90	3" x 3" x 2"	1	3.080	-	3" => 90 mm	2" => 63 mm	0.32	3.54	2.95	1.14	10.04	4.17	5.94
27NTR1111040F110	4" x 4" x 1 1/4"	1	3.300	-	4" => 110 mm	1 1/4" => 40 mm	0.39	2.48	3.05	0.87	9.17	4.05	6.22
27NTR1111050F110	4" x 4" x 1 1/2"	1	3.520	-	4" => 110 mm	1 1/2" => 50 mm	0.39	2.76	3.05	0.98	9.45	4.25	6.42
27NTR1111063F110	4" x 4" x 2"	1	3.740	-	4" => 110 mm	2" => 63 mm	0.39	3.54	3.05	1.14	10.23	4.56	6.73
27NTR1112540F125	5" x 5" x 1 1/4"	1	3.960	-	5" => 125 mm	1 1/4" => 40 mm	0.45	2.48	3.35	0.87	9.76	4.35	6.81
27NTR1112550F125	5" x 5" x 1 1/2"	1	5.500	-	5" => 125 mm	1 1/2" => 50 mm	0.45	2.76	3.35	0.98	10.04	4.55	7.01
27NTR1112563F125	5" x 5" x 2"	1	5.720	-	5" => 125 mm	2" => 63 mm	0.45	3.54	3.35	1.14	10.82	4.86	7.32
27NTR1112575F125	5" x 5" x 2 1/2"	1	5.940	-	5" => 125 mm	2 1/2" => 75 mm	0.45	4.33	3.35	1.30	11.61	4.51	6.97
27NTR1112590F125	5" x 5" x 3"	1	6.160	-	5" => 125 mm	3" => 90 mm	0.45	4.88	3.35	1.46	12.16	4.31	6.77
27NTR1116040F160	6" x 6" x 1 1/4"	1	6.600	-	6" => 160 mm	1 1/4" => 40 mm	0.58	2.48	3.44	0.87	9.96	5.04	8.19
27NTR1116050F160	6" x 6" x 1 1/2"	1	7.040	-	6" => 160 mm	1 1/2" => 50 mm	0.58	2.76	3.44	0.98	10.24	5.24	9.02
27NTR1116063F160	6" x 6" x 2"	1	7.480	-	6" => 160 mm	2" => 63 mm	0.58	3.54	3.44	1.14	11.02	5.55	8.70
27NTR1116075F160	6" x 6" x 2 1/2"	1	7.920	-	6" => 160 mm	2 1/2" => 75 mm	0.58	4.33	3.44	1.30	11.81	5.20	8.35
27NTR1116090F160	6" x 6" x 3"	1	8.360	-	6" => 160 mm	3" => 90 mm	0.58	4.88	3.44	1.46	12.36	5.00	8.15
27NTR1120040F200	8" x 8" x 1 1/4"	1	8.800	-	8" => 200 mm	1 1/4" => 40 mm	0.72	2.48	3.64	0.87	10.35	5.82	9.76
27NTR1120050F200	8" x 8" x 1 1/2"	1	9.240	-	8" => 200 mm	1 1/2" => 50 mm	0.72	2.76	3.64	0.98	10.63	6.02	9.96
27NTR1120063F200	8" x 8" x 2"	1	9.680	-	8" => 200 mm	2" => 63 mm	0.72	3.54	3.64	1.14	11.41	6.33	10.27
27NTR1120075F200	8" x 8" x 2 1/2"	1	10.120	-	8" => 200 mm	2 1/2" => 75 mm	0.72	4.33	3.64	1.30	12.2	5.98	9.92
27NTR1120090F200	8" x 8" x 3"	1	10.560	-	8" => 200 mm	3" => 90 mm	0.72	4.88	3.64	1.46	12.75	5.78	9.72
27NTR1125040F250	10" x 10" x 1 1/4"	1	11.000	-	10" => 250 mm	1 1/4" => 40 mm	0.89	2.48	4.33	0.87	11.73	6.81	11.73
27NTR1125050F250	10" x 10" x 1 1/2"	1	11.440	-	10" => 250 mm	1 1/2" => 50 mm	0.89	2.76	4.33	0.98	12.01	7.01	11.93
27NTR1125063F250	10" x 10" x 2"	1	11.880	-	10" => 250 mm	2" => 63 mm	0.89	3.54	4.33	1.14	12.79	7.32	12.24
27NTR1125075F250	10" x 10" x 2 1/2"	1	12.320	-	10" => 250 mm	2 1/2" => 75 mm	0.89	4.33	4.33	1.30	13.58	6.97	11.89

follow ...



FEMALE SIDE FUSION REDUCED TEE

Material: PP-RCT

Range: $\varnothing 3'' \times 3'' \times 1\frac{1}{4}'' \div 14'' \times 14'' \times 4''$

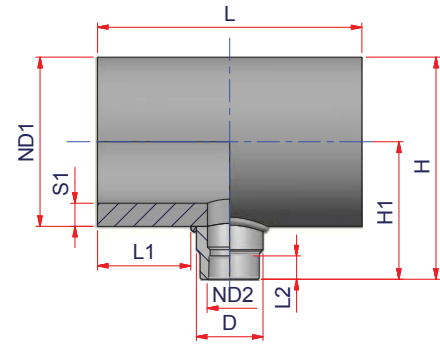


FIG. 216H

SDR 11

Code	\varnothing (1x2x3)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	D	L1	L2	L	H1	H
27NTR1125090F250	10" x 10" x 3"	1	12.760	-	10" => 250 mm	3" => 90 mm	0.89	4.88	4.33	1.46	14.13	6.77	11.69
27NTR1131540F315	12" x 12" x 1 1/4"	1	13.200	-	12" => 315 mm	1 1/4" => 40 mm	1.13	2.48	4.72	0.87	12.52	8.09	14.29
27NTR1131550F315	12" x 12" x 1 1/2"	1	13.640	-	12" => 315 mm	1 1/2" => 50 mm	1.13	2.76	4.72	0.98	12.80	8.29	14.49
27NTR1131563F315	12" x 12" x 2"	1	14.080	-	12" => 315 mm	2" => 63 mm	1.13	3.54	4.72	1.14	13.58	8.6	14.80
27NTR1131575F315	12" x 12" x 2 1/2"	1	14.520	-	12" => 315 mm	2 1/2" => 75 mm	1.13	4.33	4.72	1.30	14.37	8.25	14.45
27NTR1131590F315	12" x 12" x 3"	1	14.960	-	12" => 315 mm	3" => 90 mm	1.13	4.88	4.72	1.46	14.92	8.05	14.25
27NTR1135540F355	14" x 14" x 1 1/4"	1	15.400	-	14" => 355 mm	1 1/4" => 40 mm	1.27	2.48	5.12	0.87	13.31	8.88	15.87
27NTR1135550F355	14" x 14" x 1 1/2"	1	15.840	-	14" => 355 mm	1 1/2" => 50 mm	1.27	2.76	5.12	0.98	13.59	9.08	16.07
27NTR1135563F355	14" x 14" x 2"	1	16.280	-	14" => 355 mm	2" => 63 mm	1.27	3.54	5.12	1.14	14.37	9.39	16.38
27NTR1135575F355	14" x 14" x 2 1/2"	1	16.720	-	14" => 355 mm	2 1/2" => 75 mm	1.27	4.33	5.12	1.30	15.16	9.04	16.03
27NTR1135590F355	14" x 14" x 4"	1	17.160	-	14" => 355 mm	4" => 110 mm	1.27	4.88	5.12	1.46	15.71	8.84	15.83

REDUCED CROSS - SOCKET FUSION

Material: PP-RCT

Range: $\varnothing 1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{1}{2}'' \times \frac{1}{2}'' \div \varnothing 1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{4}'' \times \frac{3}{4}''$

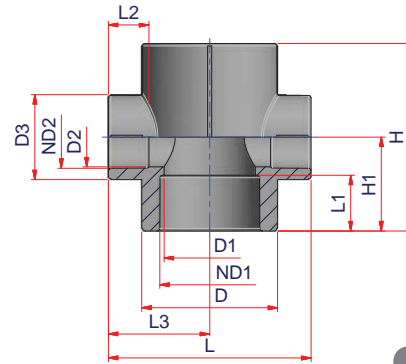
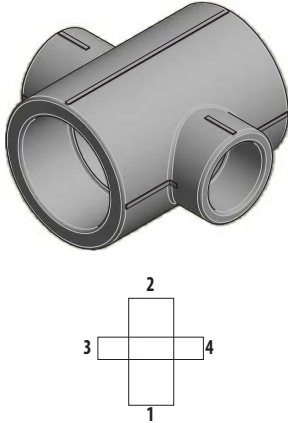


FIG. 217

Code	\varnothing (1x2x3x4)	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	D1	D2	D3	D	L1	L2	L3	L	H1	H
27NCR402020	1 $\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{1}{2}'' \times \frac{1}{2}''$	16	0.216	0.0212	1 $\frac{1}{4}'' \Rightarrow 40$ mm	$\frac{1}{2}'' \Rightarrow 20$ mm	1.42	0.65	1.30	2.09	0.87	0.63	1.46	2.91	1.58	3.15
27NCR402525	1 $\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{4}'' \times \frac{3}{4}''$	16	0.193	0.0198	1 $\frac{1}{4}'' \Rightarrow 40$ mm	$\frac{3}{4}'' \Rightarrow 25$ mm	1.42	0.93	1.30	2.09	0.87	0.63	1.49	2.91	1.58	3.15

SIDE ELBOW THREE OUTLETS - SOCKET FUSION

Material: PP-RCT

Range: $\varnothing \frac{1}{2}''$

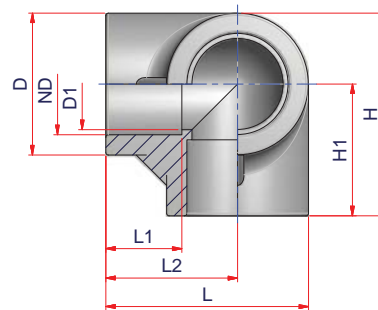
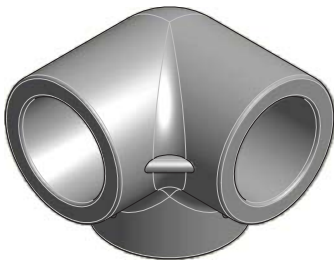
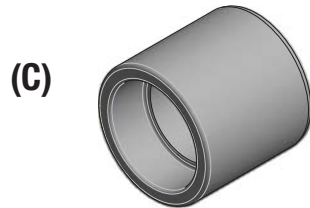
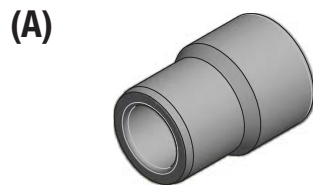


FIG. 218

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	L1	L2	L	H1	H
27NCTV20	$\frac{1}{2}''$	150	0.046	0.0039	$\frac{1}{2}'' \Rightarrow 20$ mm	0.71	1.10	0.59	1.02	1.58	1.02	1.58

REDUCING BUSHING- SOCKET FUSION



Material: PP-RCT
Range: $\varnothing \frac{3}{4}'' \times \frac{1}{2}'' \div 6'' \times 5''$

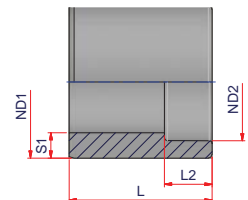
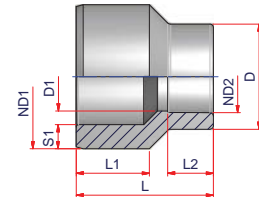
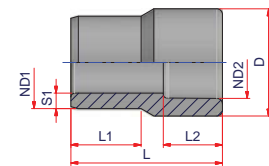


FIG. 219

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	D1	D	L1	L2	L
27NR2520	$\frac{3}{4}'' \times \frac{1}{2}''$	A	100	0.033	0.0028	$\frac{3}{4}'' = > 25 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.17	-	1.14	0.75	0.63	1.61
27NR3220	$1'' \times \frac{1}{2}''$	B	80	0.043	0.0035	$1'' = > 32 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.21	0.63	1.06	0.87	0.63	1.52
27NR3225	$1'' \times \frac{3}{4}''$	A	80	0.051	0.0159	$1'' = > 32 \text{ mm}$	$\frac{3}{4}'' = > 25 \text{ mm}$	0.21	-	1.38	0.87	0.67	1.73
27NR4020	$1\frac{1}{4}'' \times \frac{1}{2}''$	B	70	0.069	0.0042	$1\frac{1}{4}'' = > 40 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.26	0.63	1.14	0.98	0.63	1.77
27NR4025	$1\frac{1}{4}'' \times \frac{3}{4}''$	B	60	0.066	0.0049	$1\frac{1}{4}'' = > 40 \text{ mm}$	$\frac{3}{4}'' = > 25 \text{ mm}$	0.26	0.83	1.38	0.98	0.67	1.77
27NR4032	$1\frac{1}{4}'' \times 1''$	A	40	0.094	0.0074	$1\frac{1}{4}'' = > 40 \text{ mm}$	$1'' = > 32 \text{ mm}$	0.26	-	1.81	0.98	0.79	1.97
27NR5020	$1\frac{1}{2}'' \times \frac{1}{2}''$	B	40	0.107	0.0074	$1\frac{1}{2}'' = > 50 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.27	0.63	1.14	1.10	0.63	2.09
27NR5025	$1\frac{1}{2}'' \times \frac{3}{4}''$	B	40	0.110	0.0074	$1\frac{1}{2}'' = > 50 \text{ mm}$	$\frac{3}{4}'' = > 25 \text{ mm}$	0.27	0.83	1.38	1.10	0.67	2.09
27NR5032	$1\frac{1}{2}'' \times 1''$	B	45	0.122	0.0064	$1\frac{1}{2}'' = > 50 \text{ mm}$	$1'' = > 32 \text{ mm}$	0.27	1.18	1.81	1.10	0.79	2.09
27NR5040	$1\frac{1}{2}'' \times 1\frac{1}{4}''$	A	35	0.138	0.0085	$1\frac{1}{2}'' = > 50 \text{ mm}$	$1'' = > 32 \text{ mm}$	0.33	-	2.21	1.10	0.87	2.17
27NR6325	$2'' \times \frac{3}{4}''$	B	20	0.176	0.0145	$2'' = > 63 \text{ mm}$	$\frac{3}{4}'' = > 25 \text{ mm}$	0.41	0.83	1.38	1.26	0.67	3.36
27NR6332	$2'' \times 1''$	B	20	0.204	0.0145	$2'' = > 63 \text{ mm}$	$1'' = > 32 \text{ mm}$	0.41	1.18	1.81	1.26	0.79	3.36
27NR6340	$2'' \times 1\frac{1}{4}''$	B	20	0.215	0.0145	$2'' = > 63 \text{ mm}$	$1\frac{1}{4}'' = > 40 \text{ mm}$	0.41	1.46	2.21	1.26	0.87	3.36
27NR6350	$2'' \times 1\frac{1}{2}''$	A	20	0.264	0.0145	$2'' = > 63 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.41	-	2.76	1.26	0.98	2.13
27NR7520	$2\frac{1}{2}'' \times \frac{1}{2}''$	B	16	0.288	0.0184	$2\frac{1}{2}'' = > 75 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.49	0.76	1.04	1.38	0.63	2.48
27NR7525	$2\frac{1}{2}'' \times \frac{3}{4}''$	B	20	0.286	0.0145	$2\frac{1}{2}'' = > 75 \text{ mm}$	$\frac{3}{4}'' = > 25 \text{ mm}$	0.49	0.98	1.30	1.34	0.35	2.44
27NR7532	$2\frac{1}{2}'' \times 1''$	B	24	0.264	0.0124	$2\frac{1}{2}'' = > 75 \text{ mm}$	$1'' = > 32 \text{ mm}$	0.49	1.10	1.69	1.35	0.81	2.48
27NR7540	$2\frac{1}{2}'' \times 1\frac{1}{4}''$	B	18	0.286	0.0162	$2\frac{1}{2}'' = > 75 \text{ mm}$	$1\frac{1}{4}'' = > 40 \text{ mm}$	0.49	1.46	2.10	1.36	0.91	2.48
27NR7550	$2\frac{1}{2}'' \times 1\frac{1}{2}''$	B	18	0.281	0.0162	$2\frac{1}{2}'' = > 75 \text{ mm}$	$\frac{1}{2}'' = > 20 \text{ mm}$	0.49	1.97	2.60	1.34	0.79	2.32
27NR7563	$2\frac{1}{2}'' \times 2''$	A	15	0.411	0.0194	$2\frac{1}{2}'' = > 75 \text{ mm}$	$2'' = > 63 \text{ mm}$	0.49	-	3.27	1.42	1.14	2.91

follow ...

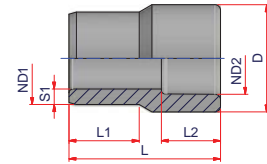


REDUCING BUSHING - SOCKET FUSION

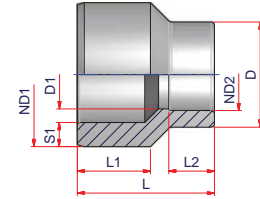
(A)



Material: PP-RCT
Range: $\varnothing 3/4" \times 1/2" \div 6" \times 5"$



(B)



(C)

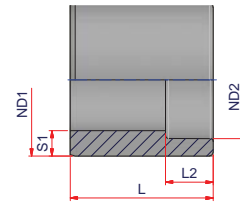


FIG. 219

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	D1	D	L1	L2	L
27NR9063	3" x 2"	C	10	0.550	0.0293	3" => 90 mm	2" => 63 mm	0.59	-	-	-	1.10	2.83
27NR9075	3" x 2 1/2"	A	18	0.513	0.0328	3" => 90 mm	2 1/2" => 75 mm	0.59	-	3.78	1.46	1.34	3.15
27NR11063	4" x 2"	B	12	0.788	0.0494	4" => 110 mm	2" => 63 mm	0.72	2.32	3.46	1.81	1.14	3.15
27NR11075	4" x 2 1/2"	C	12	0.825	0.0494	4" => 110 mm	2 1/2" => 75 mm	0.72	-	-	-	1.26	3.15
27NR11090	4" x 3"	A	5	1.540	0.1187	4" => 110 mm	3" => 90 mm	0.72	-	5.12	2.17	1.38	4.33
27NR12590	5" x 3"	C	4	1.650	0.0731	5" => 125 mm	3" => 90 mm	0.82	-	-	-	1.34	3.94
27NR125110	5" x 4"	A	24	1.467	0.1177	5" => 125 mm	4" => 110 mm	0.82	-	5.47	1.97	1.69	4.49
27NR160110	6" x 4"	C	25	2.464	0.1130	6" => 160 mm	4" => 110 mm	1.05	-	-	-	1.50	4.13
27NR160125	6" x 5"	C	25	2.156	0.1130	6" => 160 mm	5" => 125 mm	1.05	-	-	-	1.65	4.13



MALE CONCENTRIC REDUCER - LONG SPIGOT



Material: PP-RCT

Range: $\varnothing 2\frac{1}{2}'' \times 1\frac{1}{4}'' \div 8'' \times 6''$

Notes: For butt welding or E/F welding

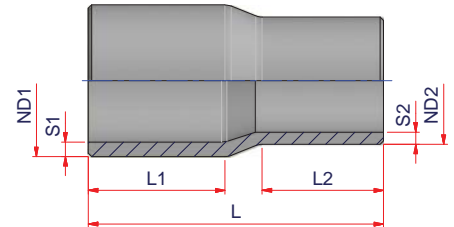


FIG. 219A

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L
27NR754011MM	2 ½" x 1 ¼"	16	0.358	0.0371	2½" => 75 mm	1¼" => 40 mm	0.27	0.15	2.56	1.89	5.63
27NR755011MM	2 ½" x 1 ½"	16	0.385	0.0371	2½" => 75 mm	1½" => 50 mm	0.27	0.18	2.56	1.89	5.55
27NR756311MM	2 ½" x 2"	12	0.495	0.0494	2½" => 75 mm	2" => 63 mm	0.27	0.23	2.80	2.52	5.90
27NR905011MM	3" x 1 ½"	12	0.550	0.0494	3" => 90 mm	1½" => 50 mm	0.32	0.18	2.87	2.24	5.98
27NR906311MM	3" x 2"	12	0.572	0.0523	3" => 90 mm	2" => 63 mm	0.32	0.23	2.80	2.24	5.90
27NR907511MM	3" x 2 ½"	9	0.733	0.0657	3" => 90 mm	2½" => 75 mm	0.32	0.27	3.19	2.84	6.89
27NR1106311MM	4" x 2"	6	0.937	0.0989	4" => 110 mm	2" => 63 mm	0.39	0.23	3.35	2.76	6.89
27NR1107511MM	4" x 2 ½"	6	1.034	0.1024	4" => 110 mm	2½" => 75 mm	0.39	0.27	3.47	2.28	7.28
27NR1109011MM	4" x 3"	6	1.041	0.0989	4" => 110 mm	3" => 90 mm	0.39	0.32	3.07	2.76	6.89
27NR1257511MM	5" x 2 ½"	3	1.430	0.2084	5" => 125 mm	2½" => 75 mm	0.45	0.27	3.62	2.36	7.84
27NR1259011MM	5" x 3"	-	1.650	-	5" => 125 mm	3" => 90 mm	0.45	0.32	3.39	2.76	7.32
27NR12511011MM	5" x 4"	-	1.760	-	5" => 125 mm	4" => 110 mm	0.45	0.39	3.50	3.03	7.36
27NR16011011MM	6" x 4"	12	2.842	0.2355	6" => 160 mm	4" => 110 mm	0.57	0.39	4.06	3.46	8.46
27NR16012511MM	6" x 5"	-	3.300	-	6" => 160 mm	5" => 125 mm	0.57	0.45	4.02	3.58	8.43
27NR20016011MM	8" x 6"	22	4.800	0.3468	8" => 200 mm	6" => 160 mm	0.72	0.58	4.65	3.98	9.45



MALE CONCENTRIC REDUCER - SHORT SPIGOT



Material: PP-RCT
 Range: \varnothing 10" x 6" ÷ 20" x 18"
 Notes: For butt welding

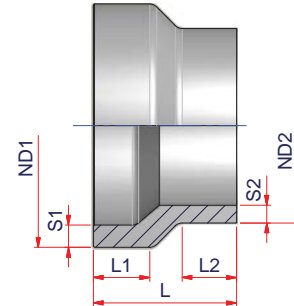


FIG. 219L

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L
27NRCC25016011MM	10" x 6"	-	-	-	10" => 250 mm	6" => 160 mm	0.89	0.58	-	-	-
27NRCC25020011MM	10" x 8"	-	-	-	10" => 250 mm	8" => 200 mm	0.89	0.72	2.36	2.28	5.79
27NRCC31516011MM	12" x 6"	-	-	-	12" => 315 mm	6" => 160 mm	1.13	0.58	-	-	-
27NRCC31520011MM	12" x 8"	-	-	-	12" => 315 mm	8" => 200 mm	1.13	0.72	-	-	-
27NRCC31525011MM	12" x 10"	-	-	-	12" => 315 mm	10" => 250 mm	1.13	0.89	1.77	1.22	4.92
27NRCC35520011MM	14" x 8"	-	-	-	14" => 355 mm	8" => 200 mm	1.27	0.72	-	-	-
27NRCC35525011MM	14" x 10"	-	-	-	14" => 355 mm	10" => 250 mm	1.27	0.89	1.97	1.42	5.28
27NRCC35531511MM	14" x 12"	-	-	-	14" => 355 mm	12" => 315 mm	1.27	1.13	1.77	1.57	4.33
27NRCC40025011MM	16" x 10"	-	-	-	16" => 400 mm	10" => 250 mm	1.43	0.89	-	-	-
27NRCC40031511MM	16" x 12"	-	-	-	16" => 400 mm	12" => 315 mm	1.43	1.13	2.17	1.77	5.04
27NRCC40035511MM	16" x 14"	-	-	-	16" => 400 mm	14" => 355 mm	1.43	1.27	1.97	2.13	5.31
27NRCC45031511MM	18" x 12"	-	-	-	18" => 450 mm	12" => 315 mm	1.61	1.13	2.87	1.46	5.71
27NRCC45035511MM	18" x 14"	-	-	-	18" => 450 mm	14" => 355 mm	1.61	1.27	1.57	1.97	5.12
27NRCC45040011MM	18" x 16"	-	-	-	18" => 450 mm	16" => 400 mm	1.61	1.43	1.97	1.77	4.72
27NRCC50035511MM	20" x 14"	-	-	-	20" => 500 mm	14" => 355 mm	1.79	1.27	1.57	1.77	5.12
27NRCC50040011MM	20" x 16"	-	-	-	20" => 500 mm	16" => 400 mm	1.79	1.43	3.58	1.97	6.30
27NRCC50045011MM	20" x 18"	-	-	-	20" => 500 mm	18" => 450 mm	1.79	1.61	3.82	1.77	6.30



MALE CONCENTRIC REDUCER - LONG SPIGOT



Material: PP-RCT

Range: $\varnothing 2\frac{1}{2}'' \times 1\frac{1}{4}'' \div 8'' \times 6''$

Notes: For butt welding or E/F welding

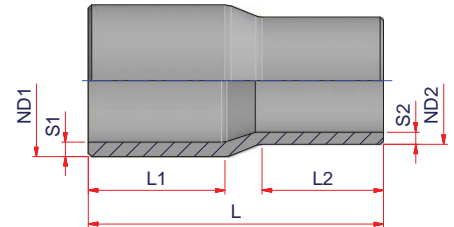


FIG. 219L

SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L
27NR754017MM	2 ½" x 1 ¼"	16	0.358	0.0371	2½" => 75 mm	1¼" => 40 mm	0.18	0.09	2.56	1.89	5.63
27NR755017MM	2 ½" x 1 ½"	16	0.385	0.0371	2½" => 75 mm	1½" => 50 mm	0.18	0.12	2.56	1.89	5.55
27NR756317MM	2 ½" x 2"	12	0.495	0.0494	2½" => 75 mm	2" => 63 mm	0.18	0.15	2.80	2.52	5.90
27NR905017MM	3" x 1 ½"	12	0.550	0.0494	3" => 90 mm	1½" => 50 mm	0.21	0.12	2.87	2.24	5.98
27NR906317MM	3" x 2"	12	0.572	0.0523	3" => 90 mm	2" => 63 mm	0.21	0.15	2.80	2.24	5.90
27NR907517MM	3" x 2 ½"	9	0.733	0.0657	3" => 90 mm	2½" => 75 mm	0.21	0.18	3.19	2.84	6.89
27NR1106317MM	4" x 2"	6	0.937	0.0989	4" => 110 mm	2" => 63 mm	0.26	0.15	3.35	2.76	6.89
27NR1107517MM	4" x 2 ½"	6	1.034	0.1024	4" => 110 mm	2½" => 75 mm	0.26	0.18	3.47	2.28	7.28
27NR1109017MM	4" x 3"	6	1.041	0.0989	4" => 110 mm	3" => 90 mm	0.26	0.21	3.07	2.76	6.89
27NR1257517MM	5" x 2 ½"	3	1.430	0.2084	5" => 125 mm	2½" => 75 mm	0.29	0.18	3.62	2.36	7.84
27NR1259017MM	5" x 3"	-	1.650	-	5" => 125 mm	3" => 90 mm	0.29	0.21	3.39	2.76	7.32
27NR12511017MM	5" x 4"	-	1.760	-	5" => 125 mm	4" => 110 mm	0.29	0.26	3.50	3.03	7.36
27NR16011017MM	6" x 4"	12	2.842	0.2355	6" => 160 mm	4" => 110 mm	0.37	0.26	4.06	3.46	8.46
27NR16012517MM	6" x 5"	-	3.300	-	6" => 160 mm	5" => 125 mm	0.37	0.29	4.02	3.58	8.43
27NR20016017MM	8" x 6"	22	4.800	0.3468	8" => 200 mm	6" => 160 mm	0.47	0.37	4.65	3.98	9.45



MALE CONCENTRIC REDUCER - SHORT SPIGOT



Material: PP-RCT
 Range: \varnothing 10" x 6" ÷ 24" x 22"
 Notes: For butt welding

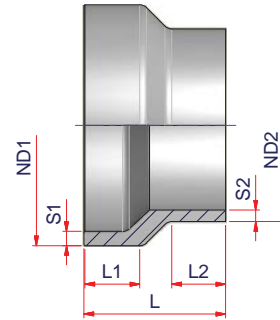


FIG. 219L

SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S1	S2	L1	L2	L
27NRCC25016017MM	10" x 6"	-	-	-	10" => 250 mm	6" => 160 mm	0.58	0.37	-	-	-
27NRCC25020017MM	10" x 8"	-	-	-	10" => 250 mm	8" => 200 mm	0.58	0.47	2.36	2.28	5.79
27NRCC31516017MM	12" x 6"	-	-	-	12" => 315 mm	6" => 160 mm	0.74	0.37	-	-	-
27NRCC31520017MM	12" x 8"	-	-	-	12" => 315 mm	8" => 200 mm	0.74	0.47	-	-	-
27NRCC31525017MM	12" x 10"	-	-	-	12" => 315 mm	10" => 250 mm	0.74	0.58	1.89	1.22	4.92
27NRCC35520017MM	14" x 8"	-	-	-	14" => 355 mm	8" => 200 mm	0.83	0.47	-	-	-
27NRCC35525017MM	14" x 10"	-	-	-	14" => 355 mm	10" => 250 mm	0.83	0.58	1.97	1.42	5.28
27NRCC35531517MM	14" x 12"	-	-	-	14" => 355 mm	12" => 315 mm	0.83	0.74	1.77	1.57	4.33
27NRCC40025017MM	16" x 10"	-	-	-	16" => 400 mm	10" => 250 mm	0.93	0.58	-	-	-
27NRCC40031517MM	16" x 12"	-	-	-	16" => 400 mm	12" => 315 mm	0.93	0.74	2.17	1.77	5.04
27NRCC40035517MM	16" x 14"	-	-	-	16" => 400 mm	14" => 355 mm	0.93	0.83	1.97	2.13	5.31
27NRCC45031517MM	18" x 12"	-	-	-	18" => 450 mm	12" => 315 mm	1.05	0.74	2.87	1.46	5.71
27NRCC45035517MM	18" x 14"	-	-	-	18" => 450 mm	14" => 355 mm	1.05	0.83	1.57	1.97	5.12
27NRCC45040017MM	18" x 16"	-	-	-	18" => 450 mm	16" => 400 mm	1.05	0.93	1.97	1.77	4.72
27NRCC50035517MM	20" x 14"	-	-	-	20" => 500 mm	14" => 355 mm	1.17	0.83	1.57	1.77	5.12
27NRCC50040017MM	20" x 16"	-	-	-	20" => 500 mm	16" => 400 mm	1.17	0.93	3.58	1.97	6.30
27NRCC50045017MM	20" x 18"	-	-	-	20" => 500 mm	18" => 450 mm	1.17	1.05	3.82	1.77	6.30
27NRCC56040017MM	22" x 16"	-	-	-	22" => 560 mm	16" => 400 mm	1.31	0.93	2.80	1.57	6.10
27NRCC56045017MM	22" x 18"	-	-	-	22" => 560 mm	18" => 450 mm	1.31	1.05	3.15	1.18	6.02
27NRCC56050017MM	22" x 20"	-	-	-	22" => 560 mm	20" => 500 mm	1.31	1.17	3.15	1.38	6.02
27NRCC63045017MM	24" x 18"	-	-	-	24" => 630 mm	22" => 560 mm	1.47	1.31	3.15	1.57	5.91
27NRCC63050017MM	24" x 20"	-	-	-	24" => 630 mm	20" => 500 mm	1.47	1.17	3.15	1.57	6.10
27NRCC63056017MM	24" x 22"	-	-	-	24" => 630 mm	22" => 560 mm	1.47	1.31	3.15	1.57	6.10



COUPLING - SOCKET FUSION



Material: PP-RCT
Range: $\varnothing 1/2'' \div 5''$

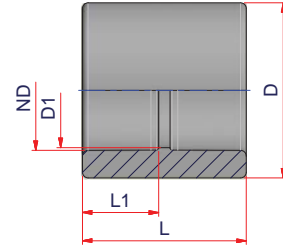
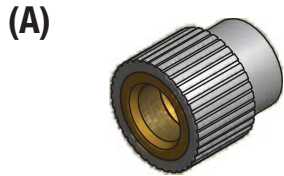


FIG. 219B

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D	L1	L
27NMAN20	1/2"	300	0.030	0.0021	1/2" => 20 mm	0.71	1.14	0.67	1.38
27NMAN25	3/4"	150	0.044	0.0039	3/4" => 25 mm	0.79	1.38	0.71	1.54
27NMAN32	1"	40	0.091	0.0074	1" => 32 mm	1.18	1.81	0.79	1.69
27NMAN40	1 1/4"	50	0.137	0.0120	1 1/4" => 40 mm	1.46	2.21	0.87	1.89
27NMAN50	1 1/2"	20	0.242	0.0000	1 1/2" => 50 mm	1.85	2.76	0.98	2.13
27NMAN63	2"	10	0.418	0.0293	2" => 63 mm	2.36	3.47	1.14	2.44
27NMAN75	2 1/2"	12	0.825	0.0494	2 1/2" => 75 mm	2.76	3.98	1.30	2.80
27NMAN90	3"	8	0.968	0.0742	3" => 90 mm	3.31	4.92	1.34	2.91
27NMAN110	4"	4	1.815	0.1483	4" => 110 mm	4.19	6.30	1.50	3.23
27NMAN125	5"	4	1.980	0.1483	5" => 125 mm	4.57	6.30	1.65	3.58

FEMALE THREADED ADAPTER W/NPT LEAD FREE BRASS - SOCKET FUSION



Material: PP-RCT - Brass
Range: $\varnothing 1/2" \times 1/2" \text{NPT} \div 5" \times 4" \text{NPT}$

*SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS*

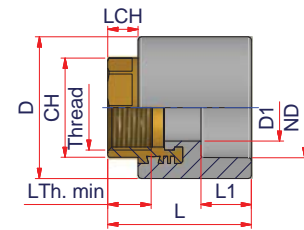
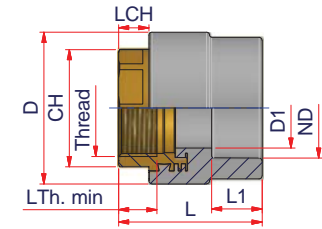
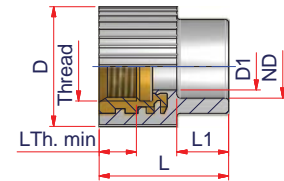
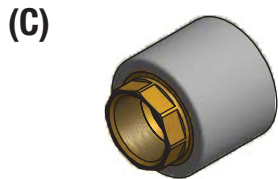
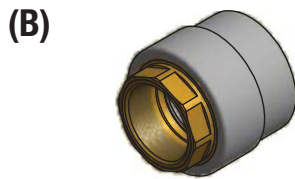
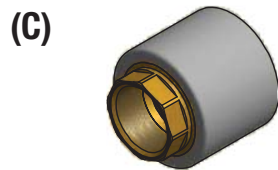
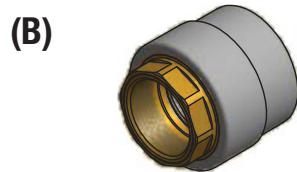
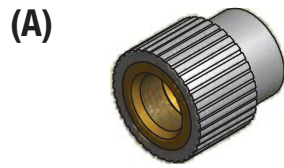


FIG. 219C

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFF2012NPT	1/2" x 1/2" NPT	A	70	0.138	0.0042	1/2" => 20 mm	1/2" NPT	0.53	0.56	1.46	0.63	1.58	-	-
27NRFF2034NPT	1/2" x 3/4" NPT	A	60	0.226	0.0049	1/2" => 20 mm	3/4" NPT	0.55	0.71	1.69	0.81	1.81	-	-
27NRFF2512NPT	3/4" x 1/2" NPT	A	70	0.140	0.0042	3/4" => 25 mm	1/2" NPT	0.53	0.56	1.46	0.67	1.61	-	-
27NRFF2534NPT	3/4" x 3/4" NPT	A	60	0.215	0.0049	3/4" => 25 mm	3/4" NPT	0.55	0.71	1.65	0.71	1.81	-	-
27NRFF3234NPT	1" x 3/4" NPT	A	40	0.259	0.0074	1" => 32 mm	3/4" NPT	0.55	0.71	1.79	0.85	2.03	-	-
27NRFF321NPT	1" x 1" NPT	A	30	0.396	0.0424	1" => 32 mm	1" NPT	0.66	0.95	2.13	0.79	2.05	-	-
27NRFF401NPT	1 1/4" x 1" NPT	C	32	0.481	0.0092	1 1/4" => 40 mm	1" NPT	0.66	0.95	2.20	0.87	2.64	1.50	0.59
27NRFF40114NPT	1 1/4" x 1 1/4" NPT	B	20	0.682	0.0145	1 1/4" => 40 mm	1 1/4" NPT	0.68	1.30	2.56	0.87	2.72	1.81	0.59
27NRFF50114NPT	1 1/2" x 1 1/4" NPT	C	18	0.703	0.0162	1 1/2" => 50 mm	1 1/4" NPT	0.68	1.30	2.76	0.98	2.80	1.81	0.59
27NRFF50112NPT	1 1/2" x 1 1/2" NPT	B	18	0.929	0.0293	1 1/2" => 50 mm	1 1/2" NPT	0.68	1.56	2.95	0.98	2.84	2.17	0.59
27NRFF63112NPT	2" x 1 1/2" NPT	C	10	1.089	0.0293	2" => 63 mm	1 1/2" NPT	0.68	1.56	3.47	1.14	2.95	2.17	0.59
27NRFF632NPT	2" x 2" NPT	B	9	1.344	0.0325	2" => 63 mm	2" NPT	0.70	1.97	3.62	1.14	3.15	2.56	0.79
27NRFF752NPT	2 1/2" x 2" NPT	C	8	1.474	0.0367	2 1/2" => 75 mm	2" NPT	0.70	1.97	4.06	1.30	3.31	2.56	0.79
27NRFF75212NPT	2 1/2" x 2 1/2" NPT	B	4	1.870	0.0731	2 1/2" => 75 mm	2 1/2" NPT	0.93	2.50	4.33	1.30	3.50	3.15	0.79
27NRFF903NPT	3" x 3" NPT	B	6	3.043	0.0989	3" => 90 mm	3" NPT	1.02	2.95	5.08	1.46	3.90	3.74	0.91
27NRFF1104NPT	4" x 4" NPT	B	1	4.620	0.2924	4" => 110 mm	4" NPT	1.09	3.92	6.30	1.69	4.37	4.72	1.18
27NRFF1254NPT	5" x 4" NPT	C	4	4.758	0.1483	5" => 125 mm	4" NPT	1.09	3.92	6.30	1.87	4.55	4.72	1.18

FEMALE THREADED ADAPTER W/NPT STANDARD BRASS - SOCKET FUSION



Material: PP-RCT - Brass
Range: $\varnothing 1/2'' \times 1/2''$ NPT ÷ 5" x 4" NPT

**NOT SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS**

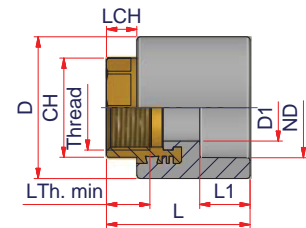
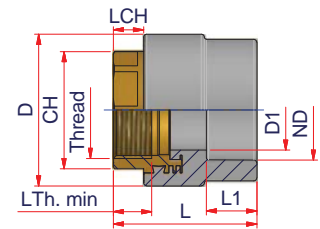
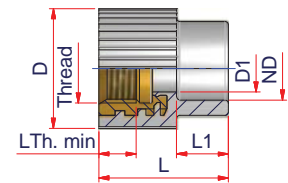
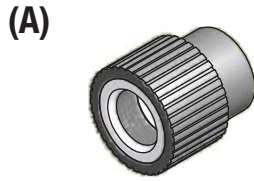


FIG. 219G

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFF2012NPTL	1/2" x 1/2" NPT	A	70	0.138	0.0042	1/2" => 20 mm	1/2" NPT	0.53	0.56	1.46	0.63	1.58	-	-
27NRFF2034NPTL	1/2" x 3/4" NPT	A	60	0.226	0.0049	1/2" => 20 mm	3/4" NPT	0.55	0.71	1.69	0.81	1.81	-	-
27NRFF2512NPTL	3/4" x 1/2" NPT	A	70	0.140	0.0042	3/4" => 25 mm	1/2" NPT	0.53	0.56	1.46	0.67	1.61	-	-
27NRFF2534NPTL	3/4" x 3/4" NPT	A	60	0.215	0.0049	3/4" => 25 mm	3/4" NPT	0.55	0.71	1.65	0.71	1.81	-	-
27NRFF3234NPTL	1" x 3/4" NPT	A	40	0.259	0.0074	1" => 32 mm	3/4" NPT	0.55	0.71	1.79	0.85	2.03	-	-
27NRFF321NPTL	1" x 1" NPT	A	30	0.396	0.0424	1" => 32 mm	1" NPT	0.66	0.95	2.13	0.79	2.05	-	-
27NRFF401NPTL	1 1/4" x 1" NPT	C	32	0.481	0.0092	1 1/4" => 40 mm	1" NPT	0.66	0.95	2.20	0.87	2.64	1.50	0.59
27NRFF40114NPTL	1 1/4" x 1 1/4" NPT	B	20	0.682	0.0145	1 1/4" => 40 mm	1 1/4" NPT	0.68	1.30	2.56	0.87	2.72	1.81	0.59
27NRFF50114NPTL	1 1/2" x 1 1/4" NPT	C	18	0.703	0.0162	1 1/2" => 50 mm	1 1/4" NPT	0.68	1.30	2.76	0.98	2.80	1.81	0.59
27NRFF50112NPTL	1 1/2" x 1 1/2" NPT	B	18	0.929	0.0162	1 1/2" => 50 mm	1 1/2" NPT	0.68	1.56	2.95	0.98	2.84	2.17	0.59
27NRFF63112NPTL	2" x 1 1/2" NPT	C	10	1.089	0.0293	2" => 63 mm	1 1/2" NPT	0.68	1.56	3.47	1.14	2.95	2.17	0.59
27NRFF632NPTL	2" x 2" NPT	B	9	1.344	0.0325	2" => 63 mm	2" NPT	0.70	1.97	3.62	1.14	3.15	2.56	0.79
27NRFF752NPTL	2 1/2" x 2" NPT	C	8	1.474	0.0731	2 1/2" => 75 mm	2" NPT	0.70	1.97	4.06	1.30	3.31	2.56	0.79
27NRFF75212NPTL	2 1/2" x 2 1/2" NPT	B	4	1.870	0.0731	2 1/2" => 75 mm	2 1/2" NPT	0.93	2.50	4.33	1.30	3.50	3.15	0.79
27NRFF903NPTL	3" x 3" NPT	B	6	3.043	0.0989	3" => 90 mm	3" NPT	1.02	2.95	5.08	1.46	3.90	3.74	0.91
27NRFF1104NPTL	4" x 4" NPT	B	1	4.620	0.2924	4" => 110 mm	4" NPT	1.09	3.92	6.30	1.69	4.37	4.72	1.18
27NRFF1254NPTL	5" x 4" NPT	C	4	4.758	0.1483	5" => 125 mm	4" NPT	1.09	3.92	6.30	1.87	4.55	4.72	1.18

FEMALE THREADED ADAPTER W/NPT STAINLESS STEEL - SOCKET FUSION



Material: PP-RCT- Stainless Steel
Range: $\varnothing 1/2'' \times 1/2''$ NPT ÷ 5" x 4" NPT

*SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS*

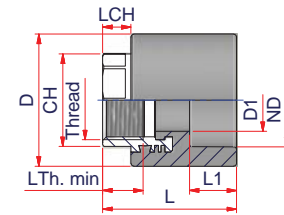
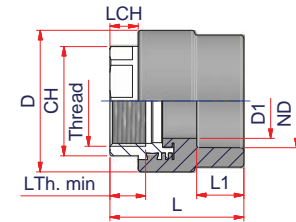
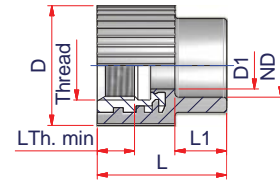
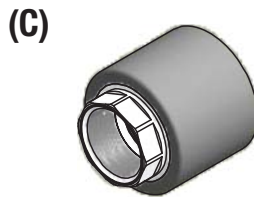


FIG. 219D

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFF2012SSNPT	1/2" x 1/2" NPT	A	70	0.132	0.0042	1/2" => 20 mm	1/2" NPT	0.53	0.56	1.46	0.63	1.58	-	-
27NRFF2034SSNPT	1/2" x 3/4" NPT	A	60	0.226	0.0049	1/2" => 20 mm	3/4" NPT	0.55	0.71	1.69	0.81	1.81	-	-
27NRFF2512SSNPT	3/4" x 1/2" NPT	A	70	0.140	0.0042	3/4" => 25 mm	1/2" NPT	0.53	0.56	1.46	0.67	1.61	-	-
27NRFF2534SSNPT	3/4" x 3/4" NPT	A	60	0.214	0.0049	3/4" => 25 mm	3/4" NPT	0.55	0.71	1.65	0.71	1.81	-	-
27NRFF3234SSNPT	1" x 3/4" NPT	A	40	0.259	0.0074	1" => 32 mm	3/4" NPT	0.55	0.71	1.79	0.85	2.03	-	-
27NRFF321SSNPT	1" x 1" NPT	A	30	0.381	0.0099	1" => 32 mm	1" NPT	0.66	0.95	2.13	0.79	2.05	-	-
27NRFF401SSNPT	1 1/4" x 1" NPT	C	32	0.481	0.0092	1 1/4" => 40 mm	1" NPT	0.66	0.95	2.20	0.87	2.64	1.50	0.59
27NRFF40114SSNPT	1 1/4" x 1 1/4" NPT	B	20	0.638	0.0145	1 1/4" => 40 mm	1 1/4" NPT	0.68	1.30	2.56	0.87	2.72	1.81	0.59
27NRFF50114SSNPT	1 1/2" x 1 1/4" NPT	C	18	0.703	0.0162	1 1/2" => 50 mm	1 1/4" NPT	0.68	1.30	2.76	0.98	2.80	1.81	0.59
27NRFF50112SSNPT	1 1/2" x 1 1/2" NPT	B	18	0.904	0.0162	1 1/2" => 50 mm	1 1/2" NPT	0.68	1.56	2.95	0.98	2.84	2.17	0.59
27NRFF63112SSNPT	2" x 1 1/2" NPT	C	10	1.089	0.0293	2" => 63 mm	1 1/2" NPT	0.68	1.56	3.47	1.14	2.95	2.17	0.59
27NRFF632SSNPT	2" x 2" NPT	B	9	1.271	0.0325	2" => 63 mm	2" NPT	0.70	1.97	3.62	1.14	3.15	2.56	0.79
27NRFF752SSNPT	2 1/2" x 2" NPT	C	4	1.513	0.0731	2 1/2" => 75 mm	2" NPT	0.70	1.97	4.06	1.30	3.31	2.56	0.79
27NRFF75212SSNPT	2 1/2" x 2 1/2" NPT	B	4	1.788	0.0788	2 1/2" => 75 mm	2 1/2" NPT	0.93	2.50	4.33	1.30	3.50	3.15	0.79
27NRFF903SSNPT	3" x 3" NPT	B	4	2.833	0.0731	3" => 90 mm	3" NPT	1.02	2.95	5.08	1.46	3.90	3.74	0.91
27NRFF1104SSNPT	4" x 4" NPT	B	1	4.620	0.2924	4" => 110 mm	4" NPT	1.09	3.92	6.30	1.69	4.37	4.72	1.18
27NRFF1254SSNPT	5" x 4" NPT	C	1	4.730	0.3154	5" => 125 mm	4" NPT	1.09	3.92	6.30	1.87	4.55	4.72	1.18

MALE THREADED ADAPTER W/NPT LEAD FREE BRASS - SOCKET FUSION

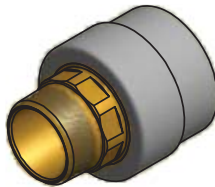
(A)



Material: PP-RCT - Brass
Range: $\varnothing 1/2" \times 1/2" \text{ NPT} \div 5" \times 4" \text{ NPT}$

SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS

(B)



(C)

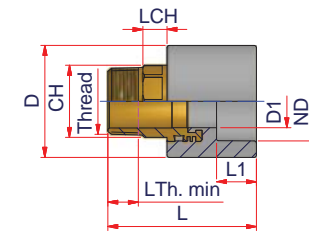
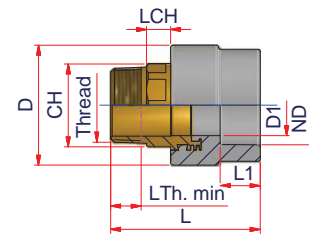
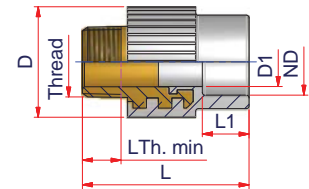


FIG. 219E

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFM2012NPT	1/2" x 1/2" NPT	A	70	0.220	0.0042	1/2" => 20 mm	1/2" NPT	0.53	0.56	1.46	0.63	2.17	-	-
27NRFM2034NPT	1/2" x 3/4" NPT	A	50	0.321	0.0060	1/2" => 20 mm	3/4" NPT	0.55	0.71	1.69	0.81	2.48	-	-
27NRFM2512NPT	3/4" x 1/2" NPT	A	70	0.213	0.0042	3/4" => 25 mm	1/2" NPT	0.53	0.56	1.46	0.67	2.21	-	-
27NRFM2534NPT	3/4" x 3/4" NPT	A	50	0.312	0.0060	3/4" => 25 mm	3/4" NPT	0.55	0.71	1.65	0.69	2.44	-	-
27NRFM321NPT	1" x 1" NPT	A	40	0.347	0.0074	1" => 32 mm	1" NPT	0.68	0.95	2.13	0.79	2.80	-	-
27NRFM3234NPT	1" x 3/4" NPT	A	26	0.609	0.0113	1" => 32 mm	3/4" NPT	0.55	0.71	1.79	0.79	2.70	-	-
27NRFM401NPT	1 1/4" x 1" NPT	C	20	0.649	0.0145	1 1/4" => 40 mm	1" NPT	0.68	0.95	2.21	0.87	3.39	1.34	0.51
27NRFM40114NPT	1 1/4" x 1 1/4" NPT	B	15	0.821	0.0194	1 1/4" => 40 mm	1 1/4" NPT	0.71	1.30	2.56	0.87	3.58	1.65	0.59
27NRFM50114NPT	1 1/2" x 1 1/4" NPT	C	15	0.909	0.0194	1 1/2" => 50 mm	1 1/4" NPT	0.71	1.30	2.76	0.98	3.66	1.65	0.59
27NRFM50112NPT	1 1/2" x 1 1/2" NPT	B	10	1.100	0.0293	1 1/2" => 50 mm	1 1/2" NPT	0.72	1.50	2.95	0.98	3.68	1.97	0.59
27NRFM63112NPT	2" x 1 1/2" NPT	C	6	1.302	0.0487	2" => 63 mm	1 1/2" NPT	0.72	1.50	3.47	1.14	3.84	1.97	0.59
27NRFM632NPT	2" x 2" NPT	B	6	1.723	0.0487	2" => 63 mm	2" NPT	0.76	1.95	3.62	1.14	4.13	2.36	0.71
27NRFM752NPT	2 1/2" x 2" NPT	C	5	2.068	0.0586	2 1/2" => 75 mm	2" NPT	0.76	1.95	4.06	1.30	4.29	2.36	0.71
27NRFM75212NPT	2 1/2" x 2 1/2" NPT	B	4	2.585	0.0731	2 1/2" => 75 mm	2 1/2" NPT	1.14	2.50	4.33	1.30	4.41	3.15	0.79
27NRFM903NPT	3" x 3" NPT	B	2	4.070	0.1462	3" => 90 mm	3" NPT	1.20	2.95	5.08	1.46	5.08	3.54	0.91
27NRFM1104NPT	4" x 4" NPT	B	1	6.600	0.2924	4" => 110 mm	4" NPT	1.30	3.92	6.30	1.69	5.83	4.53	1.18
27NRFM1254NPT	5" x 4" NPT	C	2	6.710	0.2963	5" => 125 mm	4" NPT	1.30	3.92	6.30	1.87	6.00	4.53	1.18

MALE THREADED ADAPTER W/NPT STANDARD BRASS - SOCKET FUSION

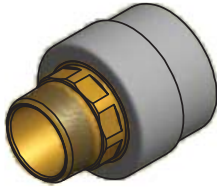
(A)



Material: PP-RCT - Brass
Range: $\varnothing 1/2'' \times 1/2''$ NPT ÷ $5'' \times 4''$ NPT

**NOT SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS**

(B)



(C)

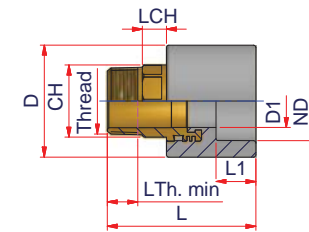
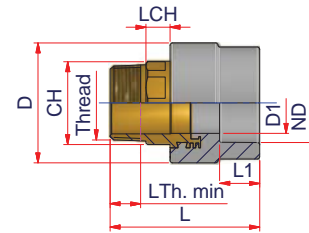
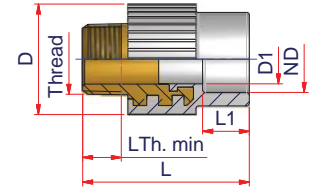
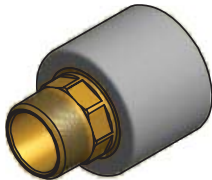


FIG. 219H

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFM2012NPTL	$1/2'' \times 1/2''$ NPT	A	70	0.220	0.0042	$1/2'' \Rightarrow 20$ mm	$1/2''$ NPT	0.53	0.56	1.46	0.63	2.17	-	-
27NRFM2034NPTL	$1/2'' \times 3/4''$ NPT	A	50	0.321	0.0060	$1/2'' \Rightarrow 20$ mm	$3/4''$ NPT	0.55	0.71	1.69	0.81	2.48	-	-
27NRFM2512NPTL	$3/4'' \times 1/2''$ NPT	A	70	0.213	0.0042	$3/4'' \Rightarrow 25$ mm	$1/2''$ NPT	0.53	0.56	1.46	0.67	2.21	-	-
27NRFM2534NPTL	$3/4'' \times 3/4''$ NPT	A	50	0.312	0.0060	$3/4'' \Rightarrow 25$ mm	$3/4''$ NPT	0.55	0.71	1.65	0.69	2.44	-	-
27NRFM321NPTL	$1'' \times 1''$ NPT	A	40	0.347	0.0113	$1'' \Rightarrow 32$ mm	$1''$ NPT	0.68	0.95	2.13	0.79	2.80	-	-
27NRFM3234NPTL	$1'' \times 3/4''$ NPT	A	26	0.609	0.0074	$1'' \Rightarrow 32$ mm	$3/4''$ NPT	0.55	0.71	1.79	0.79	2.70	-	-
27NRFM401NPTL	$1 1/4'' \times 1''$ NPT	C	20	0.649	0.0145	$1 1/4'' \Rightarrow 40$ mm	$1''$ NPT	0.68	0.95	2.21	0.87	3.39	1.34	0.51
27NRFM40114NPTL	$1 1/4'' \times 1 1/4''$ NPT	B	15	0.821	0.0194	$1 1/4'' \Rightarrow 40$ mm	$1 1/4''$ NPT	0.71	1.30	2.56	0.87	3.58	1.65	0.59
27NRFM50114NPTL	$1 1/2'' \times 1 1/4''$ NPT	C	15	0.909	0.0194	$1 1/2'' \Rightarrow 50$ mm	$1 1/4''$ NPT	0.71	1.30	2.76	0.98	3.66	1.65	0.59
27NRFM50112NPTL	$1 1/2'' \times 1 1/2''$ NPT	B	10	1.100	0.0293	$1 1/2'' \Rightarrow 50$ mm	$1 1/2''$ NPT	0.72	1.50	2.95	0.98	3.68	1.97	0.59
27NRFM63112NPTL	$2'' \times 1 1/2''$ NPT	C	6	1.302	0.0487	$2'' \Rightarrow 63$ mm	$1 1/2''$ NPT	0.72	1.50	3.47	1.14	3.84	1.97	0.59
27NRFM632NPTL	$2'' \times 2''$ NPT	B	6	1.723	0.0487	$2'' \Rightarrow 63$ mm	$2''$ NPT	0.76	1.95	3.62	1.14	4.13	2.36	0.71
27NRFM752NPTL	$2 1/2'' \times 2''$ NPT	C	5	2.068	0.0586	$2 1/2'' \Rightarrow 75$ mm	$2''$ NPT	0.76	1.95	4.06	1.30	4.29	2.36	0.71
27NRFM75212NPTL	$2 1/2'' \times 2 1/2''$ NPT	B	4	2.585	0.0788	$2 1/2'' \Rightarrow 75$ mm	$2 1/2''$ NPT	1.14	2.50	4.33	1.30	4.41	3.15	0.79
27NRFM903NPTL	$3'' \times 3''$ NPT	B	2	4.070	0.1462	$3'' \Rightarrow 90$ mm	$3''$ NPT	1.20	2.95	5.08	1.46	5.08	3.54	0.91
27NRFM1104NPTL	$4'' \times 4''$ NPT	B	1	6.820	0.2924	$4'' \Rightarrow 110$ mm	$4''$ NPT	1.30	3.92	6.30	1.69	5.83	4.53	1.18
27NRFM1254NPTL	$5'' \times 4''$ NPT	C	2	6.710	0.2963	$5'' \Rightarrow 125$ mm	$4''$ NPT	1.30	3.92	6.30	1.87	6.00	4.53	1.18

MALE THREADED ADAPTER W/NPT STAINLESS STEEL - SOCKET FUSION

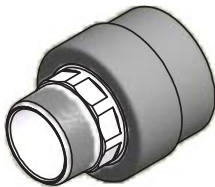
(A)



Material: PP-RCT - Stainless Steel
Range: $\varnothing 1/2" \times 1/2" \text{ NPT} \div 5" \times 4" \text{ NPT}$

SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS

(B)



(C)

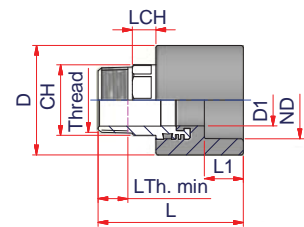
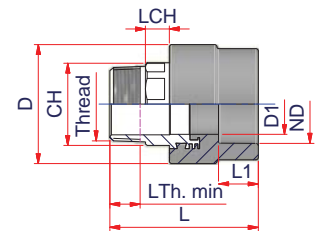
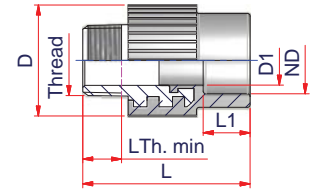


FIG. 219F

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	Thread	L Thread min	D1	D	L1	L	CH	LCH
27NRFM2012SSNPT	1/2" x 1/2" NPT	A	70	0.211	0.0042	1/2" => 20 mm	1/2" NPT	0.53	0.56	1.46	0.63	2.17	-	-
27NRFM2034SSNPT	1/2" x 3/4" NPT	A	50	0.350	0.0060	1/2" => 20 mm	3/4" NPT	0.55	0.71	1.69	0.81	2.48	-	-
27NRFM2512SSNPT	3/4" x 1/2" NPT	A	70	0.213	0.0042	3/4" => 25 mm	1/2" NPT	0.53	0.56	1.46	0.67	2.21	-	-
27NRFM2534SSNPT	3/4" x 3/4" NPT	A	50	0.308	0.0060	3/4" => 25 mm	3/4" NPT	0.55	0.71	1.65	0.69	2.44	-	-
27NRFM321SSNPT	1" x 1" NPT	A	40	0.349	0.0074	1" => 32 mm	1" NPT	0.68	0.95	2.13	0.79	2.80	-	-
27NRFM3234SSNPT	1" x 3/4" NPT	A	26	0.630	0.0113	1" => 32 mm	3/4" NPT	0.55	0.71	1.79	0.79	2.70	-	-
27NRFM401SSNPT	1 1/4" x 1" NPT	C	20	0.649	0.0145	1 1/4" => 40 mm	1" NPT	0.68	0.95	2.21	0.87	3.39	1.34	0.51
27NRFM40114SSNPT	1 1/4" x 1 1/4" NPT	B	15	0.836	0.0194	1 1/4" => 40 mm	1 1/4" NPT	0.71	1.30	2.56	0.87	3.58	1.65	0.59
27NRFM50114SSNPT	1 1/2" x 1 1/4" NPT	C	15	0.909	0.0194	1 1/2" => 50 mm	1 1/4" NPT	0.71	1.30	2.76	0.98	3.66	1.65	0.59
27NRFM50112SSNPT	1 1/2" x 1 1/2" NPT	B	13	1.100	0.0226	1 1/2" => 50 mm	1 1/2" NPT	0.72	1.50	2.95	0.98	3.68	1.97	0.59
27NRFM63112SSNPT	2" x 1 1/2" NPT	C	6	1.302	0.0487	2" => 63 mm	1 1/2" NPT	0.72	1.50	3.47	1.14	3.84	1.97	0.59
27NRFM632SSNPT	2" x 2" NPT	B	6	1.723	0.0487	2" => 63 mm	2" NPT	0.76	1.95	3.62	1.14	4.13	2.36	0.71
27NRFM752SSNPT	2 1/2" x 2" NPT	C	5	1.914	0.0586	2 1/2" => 75 mm	2" NPT	0.76	1.95	4.06	1.30	4.29	2.36	0.71
27NRFM75212SSNPT	2 1/2" x 2 1/2" NPT	B	4	3.108	0.0731	2 1/2" => 75 mm	2 1/2" NPT	1.14	2.50	4.33	1.30	4.41	3.15	0.79
27NRFM903SSNPT	3" x 3" NPT	B	2	4.070	0.1462	3" => 90 mm	3" NPT	1.20	2.95	5.08	1.46	5.08	3.54	0.91
27NRFM1104SSNPT	4" x 4" NPT	B	1	6.820	0.1579	4" => 110 mm	4" NPT	1.30	3.92	6.30	1.69	5.83	4.53	1.18
27NRFM1254SSNPT	5" x 4" NPT	C	2	6.655	0.2963	5" => 125 mm	4" NPT	1.30	3.92	6.30	1.87	6.00	4.53	1.18



VICTAULIC ADAPTER STAINLESS STEEL - LONG SPIGOT



Material: PP-RCT - Stainless Steel
Range: \varnothing 2" x 2" ÷ 4" x 4"

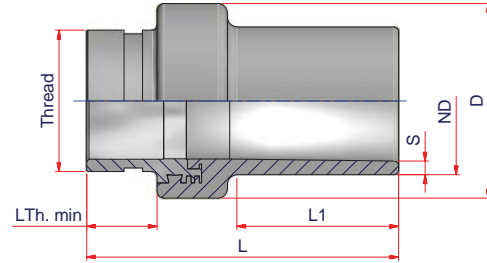


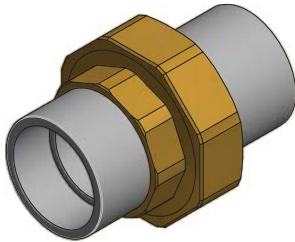
FIG. 219I

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	Thread	L Thread min	L1	L	D
27NRV6311SS	2" x 2"	-	-	-	2" => 63 mm	0.23	2"	1.18	2.72	5.24	3.27
27NRV9011SS	3" x 3"	-	-	-	3" => 90 mm	0.32	3"	1.18	3.43	6.26	4.65
27NRV11011SS	4" x 4"	-	-	-	4" => 110 mm	0.39	4"	1.57	3.35	6.89	6.02



UNION W/STANDARD BRASS NUTS AND SOCKET ENDS



Material: PP-RCT - Brass
Range: \varnothing 1/2" x 1/2" ÷ 2" x 2"

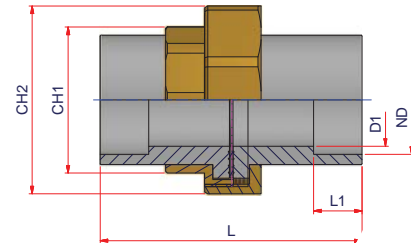


FIG. 219G

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	L1	L	CH1	CH2
27NCSJ2020	1/2" x 1/2"	30	0.154	0.0099	1/2"-1/2" => 20-20 mm	0.59	0.55	3.11	1.18	1.81
27NCSJ2525	3/4" x 3/4"	26	0.195	0.0113	3/4" x 3/4" => 25-25 mm	0.75	0.63	3.35	1.50	2.05
27NCSJ3232	1" x 1"	20	0.253	0.0145	1" x 1" => 32-32 mm	1.02	0.71	4.17	1.97	2.68
27NCSJ4040	1 1/4" x 1 1/4"	18	0.324	0.0162	1 1/4" x 1 1/4" => 40-40 mm	1.30	0.87	4.72	2.12	3.15
27NCSJ5050	1 1/2" x 1 1/2"	1	0.550	-	1 1/2" x 1 1/2" => 50-50 mm	1.69	0.94	5.12	2.79	3.82
27NCSJ6363	2" x 2"	1	1.100	-	2" x 2" => 63-63 mm	2.05	1.10	6.02	3.15	4.29



ALL-PLASTIC UNIONS WITH SOCKET FUSION ENDS



Material: PP-RCT
 Range: $\varnothing 1/2'' \times 1/2'' \div 2'' \times 2''$

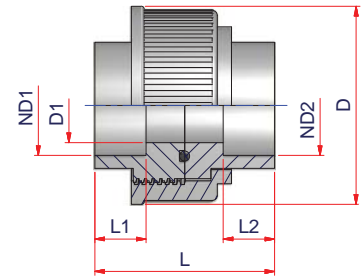


FIG. 219I

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	D1	D	L1	L2	L
27NBRF20	1/2" x 1/2"	-	-	-	1/2" => 20 mm	1/2" => 20 mm	0.55	2.09	0.79	0.79	2.87
27NBRF25	3/4" x 3/4"	-	-	-	3/4" => 25 mm	3/4" => 25 mm	0.71	2.24	0.79	0.79	2.76
27NBRF32	1" x 1"	-	-	-	1" => 32 mm	1" => 32 mm	0.95	2.64	0.79	0.79	2.76
27NBRF40	1 1/4" x 1 1/4"	-	-	-	1 1/4" => 40 mm	1 1/4" => 40 mm	1.14	3.03	0.79	0.79	2.76
27NBRF50	1 1/2" x 1 1/2"	-	-	-	1 1/2" => 50 mm	1 1/2" => 50 mm	-	-	-	-	-
27NBRF63	2" x 2"	-	-	-	2" => 63 mm	2" => 63 mm	-	-	-	-	-



WELDING SADDLES W/SOCKET FUSION OUTLETS



Material: PP-RCT
Range: $\frac{1}{2}$ " ÷ $1\frac{1}{4}$ "

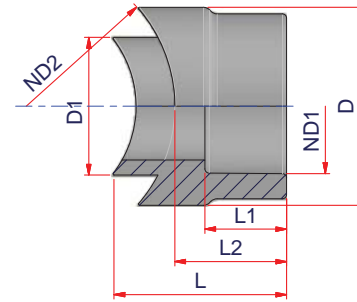


FIG. 220A

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1 (OUTLET)	ND2 (MAIN PIPE)	D1	D	L1	L2	L
27NGS204050	-	-	-	$\frac{1}{2}$ " => 20 mm	$1\frac{1}{4}$ " => 40 mm $1\frac{1}{2}$ " => 50 mm	0.98	1.38	0.59	0.79	1.34
27NGS206375	-	-	-	$\frac{1}{2}$ " => 20 mm	2" => 63 mm $2\frac{1}{2}$ " => 75 mm	0.98	1.38	0.59	0.79	1.20
27NGS2090110125	-	-	-	$\frac{1}{2}$ " => 20 mm	3" => 90 mm 4" => 110 mm 5" => 125 mm	0.98	1.38	0.59	0.79	1.16
27NGS20160200	-	-	-	$\frac{1}{2}$ " => 20 mm	6" => 160 mm 8" => 200 mm	0.98	1.38	0.59	0.79	1.12
27NGS20250315	-	-	-	$\frac{1}{2}$ " => 20 mm	10" => 250 mm 12" => 315 mm	0.98	1.38	0.59	0.79	1.10
27NGS254050	-	-	-	$\frac{3}{4}$ " => 25 mm	$1\frac{1}{4}$ " => 40 mm $1\frac{1}{2}$ " => 50 mm	0.98	1.38	0.65	0.85	1.38
27NGS256375	-	-	-	$\frac{3}{4}$ " => 25 mm	2" => 63 mm $2\frac{1}{2}$ " => 75 mm	0.98	1.38	0.65	0.85	1.26
27NGS2590110125	-	-	-	$\frac{3}{4}$ " => 25 mm	3" => 90 mm 4" => 110 mm 5" => 125 mm	0.98	1.38	0.65	0.85	1.18
27NGS25160200	-	-	-	$\frac{3}{4}$ " => 25 mm	6" => 160 mm 8" => 200 mm	0.98	1.38	0.65	0.85	1.18
27NGS25250315	-	-	-	$\frac{3}{4}$ " => 25 mm	10" => 250 mm 12" => 315 mm	0.98	1.38	0.65	0.85	1.16
27NGS326375	-	-	-	1" => 32 mm	2" => 63 mm $2\frac{1}{2}$ " => 75 mm	1.26	1.81	0.75	1.02	1.59
27NGS3290110125	-	-	-	1" => 32 mm	3" => 90 mm 4" => 110 mm 5" => 125 mm	1.26	1.81	0.75	1.02	1.49
27NGS32160200	-	-	-	1" => 32 mm	6" => 160 mm 8" => 200 mm	1.26	1.81	0.75	1.02	1.44
27NGS32250315	-	-	-	1" => 32 mm	10" => 250 mm 12" => 315 mm	1.26	1.81	0.75	1.02	1.41
27NGS4090110125	-	-	-	$1\frac{1}{4}$ " => 40 mm	3" => 90 mm 4" => 110 mm 5" => 125 mm	1.57	2.28	0.83	1.10	1.63
27NGS40160200	-	-	-	$1\frac{1}{4}$ " => 40 mm	6" => 160 mm 8" => 200 mm	1.57	2.28	0.83	1.10	1.55
27NGS40250315	-	-	-	$1\frac{1}{4}$ " => 40 mm	10" => 250 mm 12" => 315 mm	1.57	2.28	0.83	1.10	1.51



WELDING SADDLES W/SOCKET FUSION OUTLETS

Material: PP-RCT
Range: $\varnothing 1\frac{1}{2}'' \div 2''$

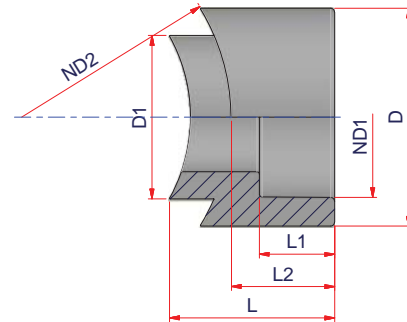
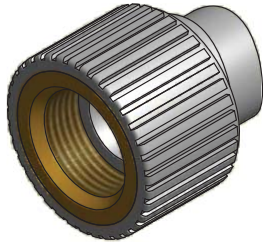


FIG. 220

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1 (OUTLET)	ND2 (MAIN PIPE)	D1	D	L1	L2	L
27NGS50125	-	-	-	1½" => 50 mm	5" => 125 mm	1.97	2.76	0.98	1.34	2.09
27NGS50160	-	-	-	1½" => 50 mm	6" => 160 mm	1.97	2.76	0.98	1.34	2.09
27NGS50200	-	-	-	1½" => 50 mm	8" => 200 mm	1.97	2.76	0.98	1.34	2.09
27NGS50250	-	-	-	1½" => 50 mm	10" => 250 mm	1.97	2.76	0.98	1.34	2.09
27NGS50315	-	-	-	1½" => 50 mm	12" => 315 mm	1.97	2.76	0.98	1.34	2.09
27NGS63125	-	-	-	2" => 63 mm	5" => 125 mm	2.48	3.31	1.14	1.58	2.50
27NGS63160	-	-	-	2" => 63 mm	6" => 160 mm	2.48	3.31	1.14	1.58	2.50
27NGS63200	-	-	-	2" => 63 mm	8" => 200 mm	2.48	3.31	1.14	1.58	2.50
27NGS63250	-	-	-	2" => 63 mm	10" => 250 mm	2.48	3.31	1.14	1.58	2.50
27NGS63315	-	-	-	2" => 63 mm	12" => 315 mm	2.48	3.31	1.14	1.58	2.50

FEMALE SIDE FUSION WELDING SADDLE W/NPT LEAD FREE BRASS



Material: PP-RCT - Brass
Range: \varnothing 1" $\frac{1}{4}$ " x $\frac{1}{2}$ " NPT ÷ 4" x 1" NPT

SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS

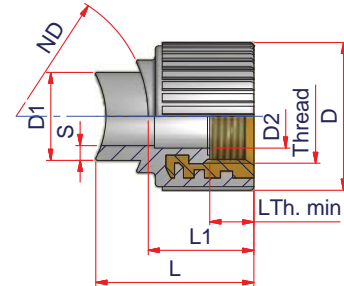
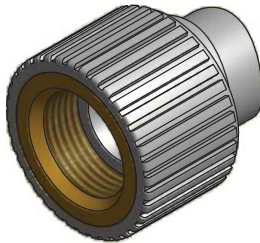


FIG. 220B

SDR11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	Thread	L Thread min	D1	D2	D	L1	L
27NGSF4012NPT	1 $\frac{1}{4}$ " x $\frac{1}{2}$ " NPT	70	0.160	0.0042	1 $\frac{1}{4}$ " => 40 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5012NPT	1 $\frac{1}{2}$ " x $\frac{1}{2}$ " NPT	70	0.160	0.0042	1 $\frac{1}{2}$ " => 50 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5034NPT	1 $\frac{1}{2}$ " x $\frac{3}{4}$ " NPT	60	0.255	0.0049	1 $\frac{1}{2}$ " => 50 mm	0.17	$\frac{3}{4}$ " NPT	0.55	0.98	0.65	1.71	1.63	2.05
27NGSF6312NPT	2" x $\frac{1}{2}$ " NPT	70	0.140	0.0042	2" => 63 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.46	1.18	1.83
27NGSF6334NPT	2" x $\frac{3}{4}$ " NPT	50	0.210	0.0060	2" => 63 mm	0.17	$\frac{3}{4}$ " NPT	0.55	0.98	0.65	1.65	1.18	1.83
27NGSF631NPT	2" x 1" NPT	30	0.370	0.0099	2" => 63 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.26
27NGSF7512NPT	2 $\frac{1}{2}$ " x $\frac{1}{2}$ " NPT	70	0.139	0.0042	2 $\frac{1}{2}$ " => 75 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.46	1.18	1.77
27NGSF751NPT	2 $\frac{1}{2}$ " x 1" NPT	30	0.367	0.0099	2 $\frac{1}{2}$ " => 75 mm	0.17	1" NPT	0.66	1.26	0.84	2.13	1.46	2.14
27NGSF7534NPT	2 $\frac{1}{2}$ " x $\frac{3}{4}$ " NPT	60	0.207	0.0049	2 $\frac{1}{2}$ " => 75 mm	0.17	$\frac{3}{4}$ " NPT	0.55	0.98	0.65	1.65	1.18	1.77
27NGSF9012NPT	3" x $\frac{1}{2}$ " NPT	70	0.141	0.0042	3" => 90 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.46	1.18	1.84
27NGSF901NPT	3" x 1" NPT	30	0.363	0.0099	3" => 90 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.18
27NGSF9034NPT	3" x $\frac{3}{4}$ " NPT	60	0.209	0.0049	3" => 90 mm	0.17	$\frac{3}{4}$ " NPT	0.55	0.98	0.65	1.65	1.18	1.84
27NGSF11012NPT	4" x $\frac{1}{2}$ " NPT	70	0.132	0.0042	4" => 110 mm	0.17	$\frac{1}{2}$ " NPT	0.53	0.98	0.56	1.46	1.18	1.94
27NGSF11034NPT	4" x $\frac{3}{4}$ " NPT	50	0.211	0.0060	4" => 110 mm	0.17	$\frac{3}{4}$ " NPT	0.55	0.98	0.65	1.65	1.18	1.96
27NGSF1101NPT	4" x 1" NPT	30	0.365	0.0099	4" => 110 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.27

FEMALE SIDE FUSION WELDING SADDLE W/NPT STANDARD BRASS



Material: PP-RCT - Brass
Range: \varnothing 1" \times 1/2" NPT \div 4" \times 1" NPT

**NOT SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS**

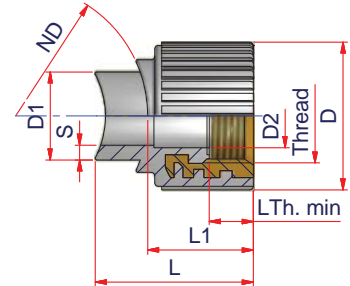


FIG. 220D

SDR11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	Thread	L Thread min	D1	D2	D	L1	L
27NGSF4012NPTL	1 1/4" \times 1/2" NPT	70	0.160	0.0042	1 1/4" => 40 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5012NPTL	1 1/2" \times 1/2" NPT	70	0.160	0.0042	1 1/2" => 50 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5034NPTL	1 1/2" \times 3/4" NPT	60	0.255	0.0049	1 1/2" => 50 mm	0.17	3/4" NPT	0.55	0.98	0.65	1.71	1.63	2.05
27NGSF6312NPTL	2" \times 1/2" NPT	70	0.140	0.0042	2" => 63 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.46	1.18	1.83
27NGSF6334NPTL	2" \times 3/4" NPT	50	0.210	0.0060	2" => 63 mm	0.17	3/4" NPT	0.55	0.98	0.65	1.65	1.18	1.83
27NGSF631NPTL	2" \times 1" NPT	30	0.370	0.0099	2" => 63 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.26
27NGSF7512NPTL	2 1/2" \times 1/2" NPT	70	0.139	0.0042	2 1/2" => 75 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.46	1.18	1.77
27NGSF751NPTL	2 1/2" \times 1" NPT	30	0.367	0.0099	2 1/2" => 75 mm	0.17	1" NPT	0.66	1.26	0.84	2.13	1.46	2.14
27NGSF7534NPTL	2 1/2" \times 3/4" NPT	60	0.207	0.0049	2 1/2" => 75 mm	0.17	3/4" NPT	0.55	0.98	0.65	1.65	1.18	1.77
27NGSF9012NPTL	3" \times 1/2" NPT	70	0.141	0.0042	3" => 90 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.46	1.18	1.84
27NGSF901NPTL	3" \times 1" NPT	40	0.363	0.0099	3" => 90 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.18
27NGSF9034NPTL	3" \times 3/4" NPT	70	0.220	0.0042	3" => 90 mm	0.17	3/4" NPT	0.55	0.98	0.65	1.65	1.18	1.84
27NGSF11012NPTL	4" \times 1/2" NPT	70	0.132	0.0042	4" => 110 mm	0.17	1/2" NPT	0.53	0.98	0.56	1.46	1.18	1.94
27NGSF11034NPTL	4" \times 3/4" NPT	50	0.211	0.0060	4" => 110 mm	0.17	3/4" NPT	0.55	0.98	0.65	1.65	1.18	1.96
27NGSF1101NPTL	4" \times 1" NPT	40	0.365	0.0074	4" => 110 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.27



FEMALE SIDE FUSION WELDING SADDLE W/NPT STAINLESS STEEL



Material: PP-RCT - Stainless Steel
Range: $\varnothing 1\frac{1}{4} \times 1\frac{1}{2}$ " NPT ÷ $4" \times 1"$ NPT

SUITABLE FOR THE TRANSPORTATION
OF HUMAN CONSUMPTION FLUIDS

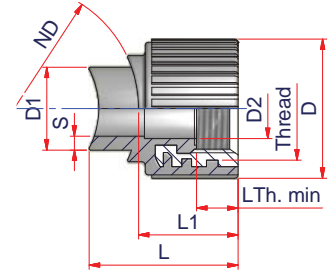


FIG. 220C

SDR11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	Thread	L Thread min	D1	D2	D	L1	L
27NGSF4012SSNPT	1 ¼" x ½" NPT	70	0.160	0.0042	1¼" => 40 mm	0.17	½" NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5012SSNPT	1 ½" x ½" NPT	70	0.160	0.0046	1½" => 50 mm	0.17	½" NPT	0.53	0.98	0.56	1.42	1.10	1.56
27NGSF5034SSNPT	1 ½" x ¾" NPT	60	0.255	0.0049	1½" => 50 mm	0.17	¾" NPT	0.55	0.98	0.65	1.71	1.63	2.05
27NGSF6312SSNPT	2" x ½" NPT	70	0.140	0.0042	2" => 63 mm	0.17	½" NPT	0.53	0.98	0.56	1.46	1.18	1.83
27NGSF6334SSNPT	2" x ¾" NPT	50	0.210	0.0060	2" => 63 mm	0.17	¾" NPT	0.55	0.98	0.65	1.65	1.18	1.83
27NGSF631SSNPT	2" x 1" NPT	30	0.370	0.0099	2" => 63 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.26
27NGSF7512SSNPT	2 ½" x ½" NPT	70	0.139	0.0042	2½" => 75 mm	0.17	½" NPT	0.53	0.98	0.56	1.46	1.18	1.77
27NGSF751SSNPT	2 ½" x 1" NPT	30	0.367	0.0099	2½" => 75 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.14
27NGSF7534SSNPT	2 ½" x ¾" NPT	70	0.207	0.0042	2½" => 75 mm	0.17	¾" NPT	0.55	0.98	0.65	1.65	1.18	1.77
27NGSF9012SSNPT	3" x ½" NPT	70	0.141	0.0042	3" => 90 mm	0.17	½" NPT	0.53	0.98	0.56	1.46	1.18	1.84
27NGSF901SSNPT	3" x 1" NPT	30	0.363	0.0099	3" => 90 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.18
27NGSF9034SSNPT	3" x ¾" NPT	70	0.209	0.0046	3" => 90 mm	0.17	¾" NPT	0.55	0.98	0.65	1.65	1.18	1.84
27NGSF11012SSNPT	4" x ½" NPT	70	0.132	0.0042	4" => 110 mm	0.17	½" NPT	0.53	0.98	0.56	1.46	1.18	1.94
27NGSF11034SSNPT	4" x ¾" NPT	50	0.211	0.0060	4" => 110 mm	0.17	¾" NPT	0.55	0.98	0.65	1.65	1.18	1.96
27NGSF1101SSNPT	4" x 1" NPT	30	0.365	0.0099	4" => 110 mm	0.21	1" NPT	0.66	1.26	0.84	2.13	1.46	2.27



END CAP - SOCKET FUSION



Material: PP-RCT
Range: $\varnothing 1/2'' \div 5''$

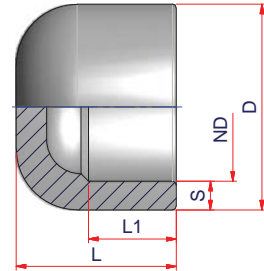


FIG. 221

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L
27NCC20	1/2"	200	0.025	0.0014	1/2" => 20 mm	0.13	1.18	0.67	1.14
27NCC25	3/4"	130	0.040	0.0021	3/4" => 25 mm	0.17	1.40	0.71	1.34
27NCC32	1"	70	0.077	0.0042	1" => 32 mm	0.21	1.77	0.79	1.58
27NCC40	1 1/4"	50	0.106	0.0060	1 1/4" => 40 mm	0.26	2.13	0.87	1.65
27NCC50	1 1/2"	25	0.166	0.0117	1 1/2" => 50 mm	0.33	2.60	1.00	1.89
27NCC63	2"	14	0.354	0.0208	2" => 63 mm	0.41	3.27	1.34	2.21
27NCC75	2 1/2"	8	0.550	0.0367	2 1/2" => 75 mm	0.49	3.90	1.69	2.40
27NCC90	3"	8	0.715	0.0367	3" => 90 mm	0.59	4.72	1.46	2.44
27NCC110	4"	8	1.254	0.0742	4" => 110 mm	0.72	5.83	1.10	2.68
27NCC125	5"	5	1.870	0.1187	5" => 125 mm	0.82	6.61	1.87	3.17



END CAP - SHORT SPIGOT



Material: PP-RCT
 Range: $\varnothing 6'' \div 18''$
 Notes: For butt welding

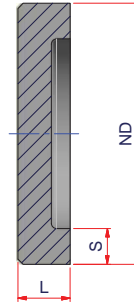


FIG. 221C

SDR 7.3

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L
27NCC16073MS	6"	-	3.160	-	6" => 160 mm	0.86	1.97
27NCC20073MS	8"	-	5.643	-	8" => 200 mm	1.08	1.97
27NCC25073MS	10"	-	8.448	-	10" => 250 mm	1.35	3.15
27NCC31573MS	12"	-	22.629	-	12" => 315 mm	1.70	3.15
27NCC35573MS	14"	-	25.608	-	14" => 355 mm	1.91	3.15
27NCC40073MS	16"	-	52.140	-	16" => 400 mm	2.15	3.15
27NCC45073MS	18"	-	66.000	-	18" => 450 mm	2.42	3.15

Also available as a long spigot fitting.



END CAP - LONG SPIGOT

Material: PP-RCT

Range: $\varnothing 2'' \div 8''$

Notes: For butt welding or electrofusion welding

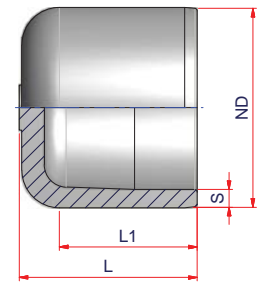


FIG. 221D

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L
27NCC6311M	2"	-	-	-	2" => 63 mm	0.23	2.76	3.43
27NCC7511M	2 1/2"	-	-	-	2 1/2" => 75 mm	0.27	2.95	3.74
27NCC9011M	3"	-	-	-	3" => 90 mm	0.32	3.19	4.13
27NCC11011M	4"	-	-	-	4" => 110 mm	0.39	3.54	4.69
27NCC12511M	5"	-	-	-	5" => 125 mm	0.45	3.74	5.04
27NCC16011M	6"	16	2.633	0.1766	6" => 160 mm	0.58	4.25	5.59
27NCC20011M	8"	24	4.703	0.3178	8" => 200 mm	0.72	5.24	6.77



END CAP - SHORT SPIGOT

Material: PP-RCT

Range: $\varnothing 10'' \div 24''$

Notes: For butt welding

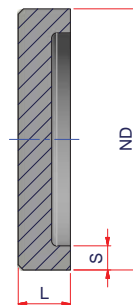


FIG. 221E

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L
27NCC25011MS	10"	5	7.040	0.5650	10" => 250 mm	0.89	1.97
27NCC31511MS	12"	14	18.857	1.2833	12" => 315 mm	1.13	1.97
27NCC35511MS	14"	4	21.340	1.9070	14" => 355 mm	1.27	3.15
27NCC40011MS	16"	4	43.450	44.9203	16" => 400 mm	1.43	3.15
27NCC45011MS	18"	1	55.000	-	18" => 450 mm	1.61	3.15
27NCC50011MS	20"	1	-	-	20" => 500 mm	1.79	3.15
27NCC56011MS	22"	1	-	-	22" => 560 mm	2.00	3.15
27NCC63011MS	24"	1	-	-	24" => 630 mm	2.25	3.15

Also available as a long spigot fitting.



END CAP - LONG SPIGOT

Material: PP-RCT

Range: $\varnothing 2'' \div 8''$

Notes: For butt welding or electrofusion welding

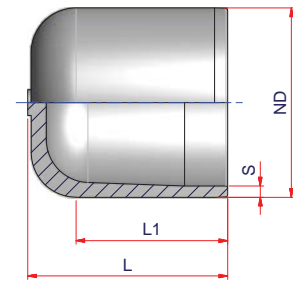


FIG. 221F

SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L1	L
27NCC6317M	2"	-	-	-	2" => 63 mm	0.15	2.68	3.43
27NCC9017M	3"	-	-	-	3" => 90 mm	0.21	2.91	3.74
27NCC11017M	4"	-	-	-	4" => 110 mm	0.26	3.27	4.13
27NCC12517M	5"	-	-	-	5" => 125 mm	0.29	3.43	4.57
27NCC16017M	6"	-	2.370	-	6" => 160 mm	0.37	3.74	5.04
27NCC20017M	8"	-	4.232	-	8" => 200 mm	0.47	5.24	6.65



END CAP - SHORT SPIGOT

Material: PP-RCT

Range: $\varnothing 10'' \div 24''$

Notes: For butt welding

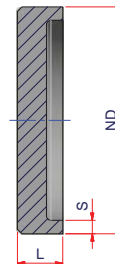


FIG. 221G

SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	L
27NCC25017MS	10"	-	6.336	-	10" => 250 mm	0.58	1.97
27NCC31517MS	12"	-	16.971	-	12" => 315 mm	0.74	1.97
27NCC35517MS	14"	-	19.206	-	14" => 355 mm	0.83	1.97
27NCC40017MS	16"	-	39.105	-	16" => 400 mm	0.93	1.97
27NCC45017MS	18"	-	49.500	-	18" => 450 mm	1.05	3.15
27NCC50017MS	20"	-	-	-	20" => 500 mm	1.17	3.15
27NCC56017MS	22"	-	-	-	22" => 560 mm	1.31	3.15
27NCC63017MS	24"	-	-	-	24" => 630 mm	1.47	3.15

Also available as a long spigot fitting.

STUB FLANGE - SOCKET FUSION

(A)



Material: PP-RCT - NBR O'ring
 Range: $\varnothing 1'' \div 5''$
 Note: from $\varnothing 1''$ to $\varnothing 2\frac{1}{2}''$ with o'ring.
 from $\varnothing 3''$ to $\varnothing 5''$ gasket is not included

(B)

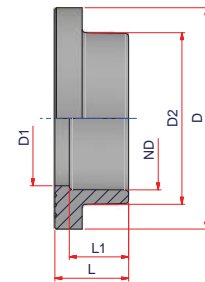
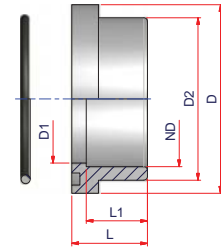


FIG. 222

Code	\varnothing	Type	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	D2	D	L1	L
27NCOSA32	1"	A	100	0.048	0.0028	1" => 32 mm	1.10	1.60	2.01	0.71	1.02
27NCOSA40	1 1/4"	A	50	0.088	0.0060	1 1/4" => 40 mm	1.42	1.95	2.52	0.81	1.18
27NCOSA50	1 1/2"	A	36	0.122	0.0081	1 1/2" => 50 mm	1.83	2.40	2.88	0.93	1.34
27NCOSA63	2"	A	20	0.193	0.0145	2" => 63 mm	2.24	2.99	4.02	1.10	1.42
27NCOSA75	2 1/2"	A	12	0.284	0.0244	2 1/2" => 75 mm	2.80	3.54	4.11	1.18	1.65
27NCOSA90	3"	B	8	0.550	0.0367	3" => 90 mm	3.31	4.25	5.43	1.46	1.81
27NCOSA110	4"	B	10	0.825	0.0593	4" => 110 mm	4.09	5.16	6.22	1.50	2.05
27NCOSA125	5"	B	8	0.825	0.0742	5" => 125 mm	4.72	5.75	6.30	1.57	2.17



STUB FLANGE - LONG SPIGOT



Material: PP-RCT

Range: \varnothing 6" ÷ 8"

Notes: For butt welding or electrofusion welding

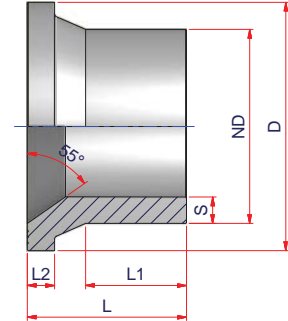


FIG. 222E

SDR 7.3

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L2	L
27NCRT16073	6"	-	-	-	6" => 160 mm	0.86	8.35	4.33	1.14	7.10
27NCRT20073	8"	-	-	-	8" => 200 mm	1.08	10.55	4.92	1.26	7.87



STUB FLANGE - LONG SPIGOT



Material: PP-RCT

Range: \varnothing 1" ÷ 12"

Notes: For butt welding or electrofusion welding

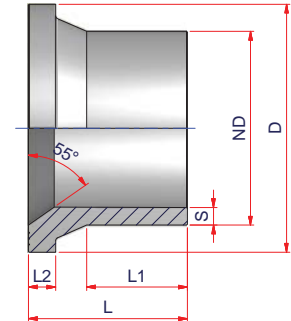


FIG. 222A

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L2	L
27NCRT3211	1"	60	0.143	0.0099	1" => 32 mm	0.13	2.48	1.72	0.41	3.07
27NCRT4011	1 ¼"	30	0.205	0.0198	1 ¼" => 40 mm	0.15	3.07	2.48	0.43	3.77
27NCRT5011	1 ½"	24	0.293	0.0247	1 ½" => 50 mm	0.18	3.46	2.56	0.47	3.81
27NCRT6311	2"	30	0.469	0.0494	2" => 63 mm	0.23	4.02	2.95	0.59	4.60
27NCRT7511	2 ½"	48	0.660	0.0590	2 ½" => 75 mm	0.27	4.80	3.31	0.75	4.95
27NCRT9011	3"	30	1.203	0.0943	3" => 90 mm	0.32	5.43	3.94	0.67	6.08
27NCRT11011	4"	48	1.628	0.1589	4" => 110 mm	0.39	6.22	3.88	0.71	5.90
27NCRT12511	5"	40	1.727	0.1907	5" => 125 mm	0.45	6.22	4.80	0.98	7.00
27NCRT16011	6"	24	3.872	0.3178	6" => 160 mm	0.58	8.35	4.14	0.98	7.10
27NCRT20011	8"	12	7.084	0.6357	8" => 200 mm	0.72	10.55	4.92	1.26	7.87
27NCRT25011	10"	18	9.724	0.9983	10" => 250 mm	0.90	12.60	5.20	1.38	8.15
27NCRT31511	12"	-	-	-	12" => 315 mm	1.13	14.57	5.98	1.38	8.98



STUB FLANGE - LONG SPIGOT



Material: PP-RCT

Range: $\varnothing 2'' \div 12''$

Notes: For butt welding or electrofusion welding

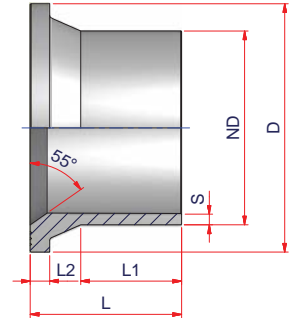


FIG. 222D

SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L2	L
27NCRT6317	2"	-	0.396	-	2" => 63 mm	0.15	4.02	2.95	0.55	4.13
27NCRT7517	2½"	-	0.704	-	2½" => 75 mm	0.18	4.80	3.31	0.63	4.96
27NCRT9017	3"	-	1.100	-	3" => 90 mm	0.21	5.43	3.94	0.67	5.55
27NCRT11017	4"	-	1.540	-	4" => 110 mm	0.26	6.22	3.88	0.71	6.22
27NCRT12517	5"	40	1.430	0.1907	5" => 125 mm	0.29	6.22	4.80	0.71	6.73
27NCRT16017	6"	24	3.520	0.3178	6" => 160 mm	0.37	8.35	4.14	0.71	7.09
27NCRT20017	8"	12	6.600	0.6357	8" => 200 mm	0.47	10.55	4.92	0.94	7.87
27NCRT25017	10"	18	8.800	0.9983	10" => 250 mm	0.58	12.60	5.20	0.98	8.15
27NCRT31517	12"	-	-	-	12" => 315 mm	0.74	14.57	5.98	0.98	8.54

Additional sizes available. Consult factory for pricing.



STUB FLANGE - SHORT SPIGOT



Material: PP-RCT

Range: \varnothing 12" ÷ 24"

Notes: For butt welding

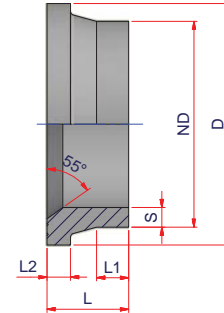


FIG. 222B

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L2	L
27NCRT31511S	12"	24	16.216	1.3278	12" => 315 mm	1.13	14.57	0.98	1.38	3.94
27NCRT35511S	14"	8	23.650	2.2460	14" => 355 mm	1.27	16.93	1.57	1.57	4.72
27NCRT40011S	16"	5	35.640	3.5936	16" => 400 mm	1.43	18.98	1.14	1.81	4.72
27NCRT45011S	18"	2	60.500	8.9841	18" => 450 mm	1.61	23.03	0.59	2.36	5.31
27NCRT50011S	20"	-	70.400	-	20" => 500 mm	1.79	23.03	0.59	2.36	4.92
27NCRT56011S	22"	-	-	-	22" => 560 mm	2.00	26.97	0.59	2.36	5.31
27NCRT63011S	24"	-	-	-	24" => 630 mm	2.25	26.97	0.79	2.36	4.72

Additional sizes and SDR classes are available. Consult factory for pricing.



STUB FLANGE - SHORT SPIGOT



Material: PP-RCT
 Range: \varnothing 12" ÷ 24"
 Notes: For butt welding

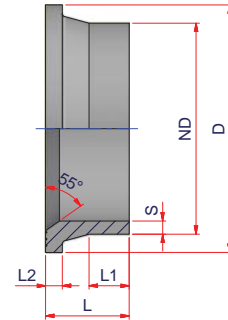


FIG. 222B

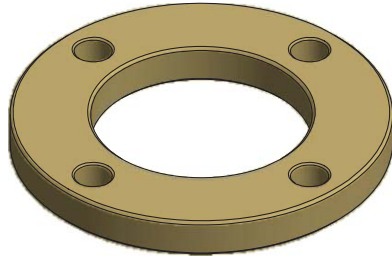
SDR 17

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	S	D	L1	L2	L
27NCRT31517S	12"	24	16.216	1.3278	12" => 315 mm	0.74	14.57	1.38	0.98	3.94
27NCRT35517S	14"	8	23.650	2.2460	14" => 355 mm	0.83	16.93	1.97	1.18	4.72
27NCRT40017S	16"	5	35.640	3.5936	16" => 400 mm	0.93	19.09	1.65	1.30	4.72
27NCRT45017S	18"	2	60.500	8.9841	18" => 450 mm	1.05	23.03	0.94	1.81	5.12
27NCRT50017S	20"	-	70.400	-	20" => 500 mm	1.17	23.03	0.94	1.81	4.72
27NCRT56017S	22"	-	-	-	22" => 560 mm	1.31	26.97	0.79	1.97	5.12
27NCRT63017S	24"	-	-	-	24" => 630 mm	1.47	26.97	1.18	1.97	4.72

Additional sizes and SDR classes are available. Consult factory for pricing.



PP ENCAPSULATED BACKING RING ANSI/ASA 150#



Material: FR-PP Encapsulated Steel
Range: \varnothing 1" ÷ 10"

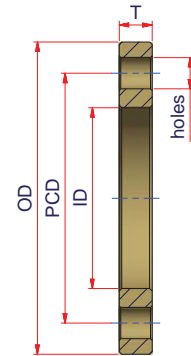


FIG. 223

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND (PP)	OD	ID	PCD	T	holes	N° holes
00FLAACPP321	1"	-	2.200	-	1" => 32 mm	4.25	1.65	3.13	0.63	0.63	4
00FLAACPP40114	1¼"	-	2.640	-	1¼" => 40 mm	4.61	1.89	3.50	0.63	0.63	4
00FLAACPP50112	1½"	-	3.300	-	1½" => 50 mm	5.00	2.48	3.87	0.71	0.63	4
00FLAACPP632	2"	-	4.400	-	2" => 63 mm	6.02	3.15	4.76	0.71	0.75	4
00FLAACPP75212	2½"	-	5.280	-	2½" => 75 mm	7.01	3.43	5.51	0.71	0.75	4
00FLAACPP903	3"	-	5.940	-	3" => 90 mm	7.48	4.33	5.98	0.79	0.75	4
00FLAACPP1104	4"	-	8.360	-	4" => 110 mm	9.06	5.04	7.48	0.79	0.75	8
00FLAACPP1255*	5"	-	10.780	-	5" => 125 mm	10.00	5.12	8.50	0.79	0.75	8
00FLAACPP1606	6"	-	14.850	-	6" => 160 mm	11.22	7.09	9.49	1.02	0.87	8
00FLAACPP2008	8"	-	17.600	-	8" => 200 mm	13.50	9.25	11.73	1.02	0.87	8
00FLAACPP25010	10"	-	26.400	-	10" => 250 mm	15.98	11.22	14.25	1.18	1.00	12

*5 inch size is also available with a 5 inch ANSI 150# hole pattern and dimensions upon request. Additional sizes available. Consult factory.



GASKET LOW - STRESS EPDM

Material: EPDM
Range: \varnothing 1" ÷ 18"

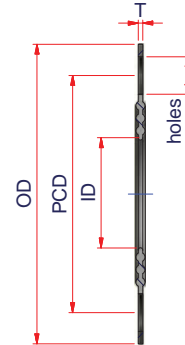
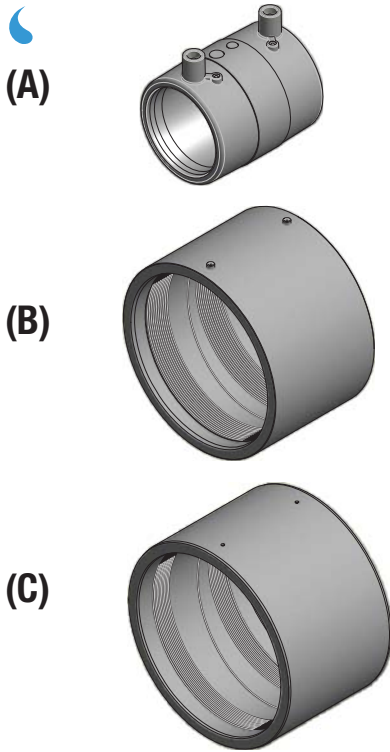


FIG. 224

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	ID	PCD	OD	T	holes	N° holes
00GRET321	1"	-	0.110	-	1" => 32 mm	1.16	3.13	4.25	0.125	0.62	4
00GRET40114	1 ¼"	-	0.132	-	1 ¼" => 40 mm	1.25	3.50	4.63	0.125	0.62	4
00GRET50112	1 ½"	-	0.154	-	1 ½" => 50 mm	1.72	3.87	5.00	0.125	0.62	4
00GRET632	2"	-	0.176	-	2" => 63 mm	2.16	4.75	6.00	0.125	0.75	4
00GRET75212	2 ½"	-	0.198	-	2 ½" => 75 mm	2.50	5.50	7.00	0.125	0.75	4
00GRET903	3"	-	0.220	-	3" => 90 mm	3.15	6.00	7.50	0.125	0.75	4
00GRET1104	4"	-	0.264	-	4" => 110 mm	3.46	7.00	8.50	0.125	0.75	8
00GRET1255*	5"	-	0.286	-	5" => 125 mm	4.06	7.50	9.00	0.125	0.75	8
00GRET1606	6"	-	0.308	-	6" => 160 mm	6.14	9.50	11.00	0.125	0.88	8
00GRET2008	8"	-	0.330	-	8" => 200 mm	8.10	11.75	13.50	0.125	0.88	8
00GRET25010	10"	-	0.352	-	10" => 250 mm	10.13	14.50	16.00	0.125	1.00	12
00GRET31512	12"	-	0.374	-	12" => 315 mm	12.22	17.00	19.00	0.125	1.00	12
00GRET35514	14"	-	0.440	-	14" => 355 mm	13.87	18.75	21.00	0.125	1.12	12
00GRET40016	16"	-	0.484	-	16" => 400 mm	15.81	21.25	23.50	0.125	1.12	16
00GRET45018	18"	-	0.550	-	18" => 450 mm	17.90	22.75	25.00	0.125	1.25	16

*5 inch size is also available with a 5 inch ANSI 150# hole pattern and dimensions upon request. Additional sizes available. Consult factory.

3. PP-RCT ELECTROFUSION FITTINGS



ELECTROFUSION COUPLING

Material: PP-RCT
Range: $\varnothing 1/2'' \div 24''$

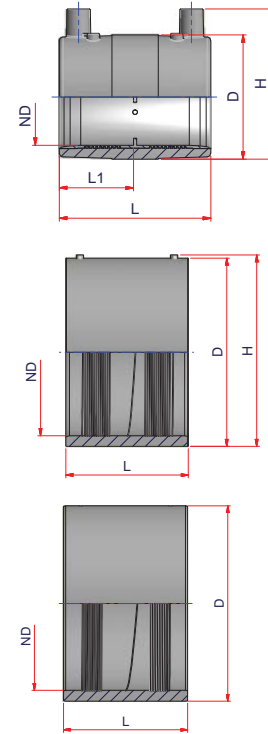


FIG. 240

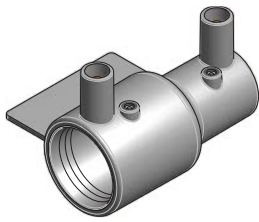
SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L	H	D
27NME20	1/2"	60	0.119	0.0099	1/2" => 20 mm	1.34	2.76	2.05	1.30
27NME25	3/4"	50	0.154	0.0120	3/4" => 25 mm	1.34	2.76	2.28	1.52
27NME32	1"	40	0.165	0.0148	1" => 32 mm	1.34	2.76	2.56	1.79
27NME40	1 1/4"	30	0.246	0.0198	1 1/4" => 40 mm	1.61	3.35	2.95	2.17
27NME50	1 1/2"	40	0.330	0.0318	1 1/2" => 50 mm	1.67	3.47	3.43	2.68
27NME63	2"	30	0.484	0.0424	2" => 63 mm	1.67	3.86	3.94	2.23
27NME75	2 1/2"	24	0.752	0.0530	2 1/2" => 75 mm	2.40	4.92	4.49	3.86
27NME90	3"	32	1.100	0.0883	3" => 90 mm	2.84	5.75	5.12	4.45
27NME110	4"	22	1.460	0.1285	4" => 110 mm	3.03	6.10	5.67	5.35
27NME125	5"	16	2.200	0.1766	5" => 125 mm	3.23	6.54	6.58	6.16
27NME160	6"	24	3.300	0.3178	6" => 160 mm	3.41	6.89	7.93	7.48
27NME200	8"	14	4.777	0.5449	8" => 200 mm	3.60	7.28	9.57	9.13
27NME250	10"	18	9.814	0.9983	10" => 250 mm	4.17	8.35	11.81	11.65
27NME315	12"	20	25.850	1.7799	12" => 315 mm	4.72	9.45	14.69	14.67
27NME355	14"	-	-	-	14" => 355 mm	-	10.24	15.94	15.75
27NME400	16"	-	-	-	16" => 400 mm	-	11.42	17.91	17.72
27NME450	18"	-	-	-	18" => 450 mm	-	13.39	19.88	19.69
27NME500	20"	-	-	-	20" => 500 mm	-	14.17	-	22.05
27NME560	22"	-	-	-	22" => 560 mm	-	15.75	-	24.80
27NME630	24"	-	-	-	24" => 630 mm	-	17.32	-	27.95

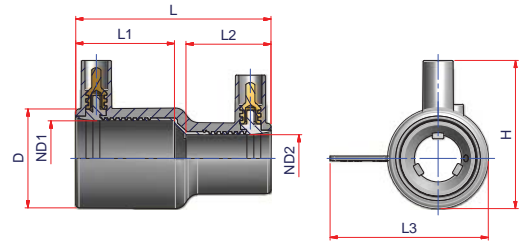


ELECTROFUSION REDUCER

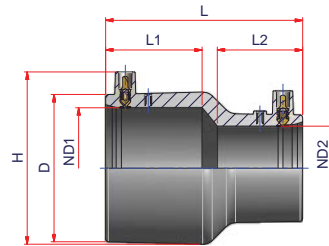
(A)



Material: PP-RCT
Range: $\varnothing 1" \times 3/4" \div 8" \times 6"$



(B)



(C)

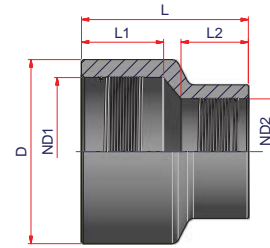


FIG. 240C

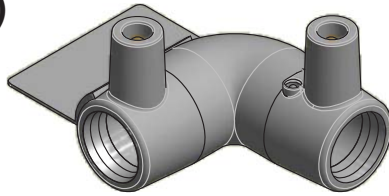
SDR 11

Code	Type	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	D	L1	L2	L3	L	H
27NRDE3225	A	1" x 3/4"	20	0.182	0.0145	1" => 32 mm	3/4" => 25 mm	1.73	1.56	1.56	2.76	3.33	2.54
27NRDE4032	B	1 1/4" x 1"	20	0.253	0.0145	1 1/4" => 40 mm	1" => 32 mm	2.17	1.85	1.65	-	3.74	2.91
27NRDE5032	B	1 1/2" x 1"	20	0.308	0.0297	1 1/2" => 50 mm	1" => 32 mm	2.52	1.95	1.63	-	3.94	3.35
27NRDE5040	B	1 1/2" x 1 1/4"	10	0.374	0.0293	1 1/2" => 50 mm	1 1/4" => 40 mm	2.52	1.95	1.87	-	4.06	3.35
27NRDE6332	B	2" x 1"	16	0.474	0.0371	2" => 63 mm	1" => 32 mm	3.21	2.19	1.65	-	4.65	3.90
27NRDE6340	B	2" x 1 1/4"	12	0.541	0.0494	2" => 63 mm	1 1/4" => 40 mm	3.21	2.17	1.77	-	4.65	3.90
27NRDE6350	B	2" x 1 1/2"	12	0.541	0.0494	2" => 63 mm	1 1/2" => 50 mm	3.21	2.19	1.97	-	4.65	3.90
27NRDE7563	B	2 1/2" x 2"	9	0.917	0.0657	2 1/2" => 75 mm	2" => 63 mm	3.82	2.36	2.24	-	4.92	4.49
27NRDE9063	B	3" x 2"	30	1.049	0.0943	3" => 90 mm	2" => 63 mm	4.53	2.68	2.44	-	5.91	5.16
27NRDE1163	B	4" x 2"	24	1.412	0.1176	4" => 110 mm	2" => 63 mm	5.31	2.85	2.48	-	6.30	5.93
27NRDE1190	B	4" x 3"	24	1.453	0.1176	4" => 110 mm	3" => 90 mm	5.31	2.87	2.70	-	6.22	5.93
27NRDE1690	B	6" x 3"	1	2.493	0.2119	6" => 160 mm	3" => 90 mm	7.56	3.19	2.83	-	6.97	8.15
27NRDE1611	B	6" x 4"	1	2.842	0.2119	6" => 160 mm	4" => 110 mm	7.56	3.19	3.03	-	7.36	8.15
27NRDE2016	C	8" x 6"	1	7.110	0.6392	8" => 200 mm	6" => 160 mm	9.84	4.45	4.52	-	8.56	-

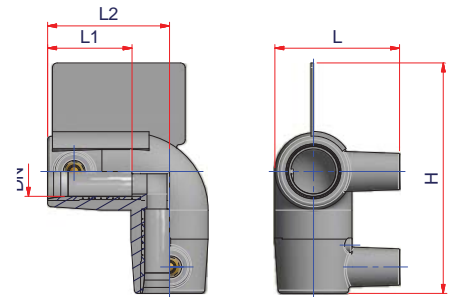


ELECTROFUSION 90° ELBOW

(A)



Material: PP-RCT
Range: $\varnothing 1/2'' \div 8''$



(B)

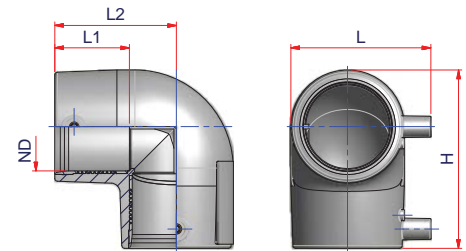


FIG. 241

SDR 11

Code	Type	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L2	L	H
27NGEM20	A	1/2"	40	0.161	0.0198	1/2" => 20 mm	1.34	1.99	2.05	3.76
27NGEM25	A	3/4"	30	0.187	0.0198	3/4" => 25 mm	1.46	2.13	2.24	4.02
27NGEM32	B	1"	30	0.211	0.0198	1" => 32 mm	1.34	2.26	2.52	3.15
27NGEM40	B	1 1/4"	20	0.385	0.0297	1 1/4" => 40 mm	1.61	2.56	2.87	3.60
27NGEM50	B	1 1/2"	30	0.425	0.0509	1 1/2" => 50 mm	1.89	3.03	3.31	4.31
27NGEM63	B	2"	15	0.924	0.0848	2" => 63 mm	2.09	3.46	3.94	5.08
27NGEM75	B	2 1/2"	12	0.926	0.1059	2 1/2" => 75 mm	2.28	3.82	4.33	5.59
27NGEM90	B	3"	14	2.200	0.2016	3" => 90 mm	3.07	4.69	5.24	6.93
27NGEM110	B	4"	10	3.069	0.2825	4" => 110 mm	3.27	5.67	6.46	8.43
27NGEM160	B	6"	1	8.360	-	6" => 160 mm	3.54	6.81	8.21	10.59
27NGEM200 *	B	8"	1	15.400	-	8" => 200 mm	-	-	-	-

*Available first quarter 2016



ELECTROFUSION 45° ELBOW

Material: PP-RCT

Range: \varnothing 1" ÷ 8"

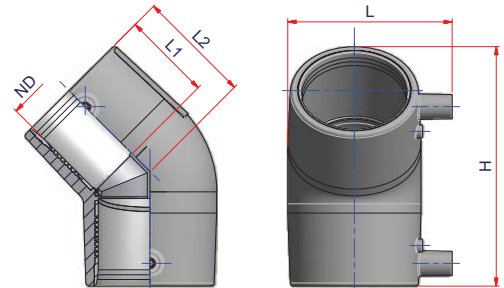


FIG. 242

SDR 11

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L2	L	H
27NCEM32	1"	30	0.227	0.0198	1" => 32 mm	1.41	1.83	2.54	3.70
27NCEM40	1¼"	20	0.321	0.0314	1¼" => 40 mm	1.61	2.11	2.95	4.29
27NCEM50	1½"	35	0.374	0.0364	1½" => 50 mm	1.89	2.46	3.27	5.04
27NCEM63	2"	20	0.789	0.0636	2" => 63 mm	2.09	2.68	3.94	5.79
27NCEM75	2½"	14	0.974	0.0908	2½" => 75 mm	2.36	3.19	4.45	6.65
27NCEM90	3"	15	1.980	2.8252	3" => 90 mm	2.76	3.90	5.28	8.19
27NCEM110	4"	12	2.613	0.2355	4" => 110 mm	3.27	4.49	6.36	9.49
27NCEM160	6"	1	7.920	-	6" => 160 mm	3.54	5.28	8.21	11.65
27NCEM200*	8"	1	14.300	-	8" => 200 mm	-	-	-	-

*Available first quarter 2016



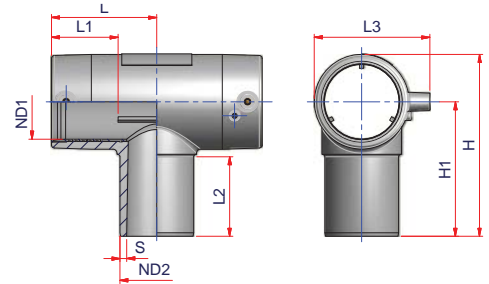
ELECTROFUSION TEE

(A)



Material: PP-RCT
Range: $\varnothing 1/2'' \div 8''$

Note: Type A Single wire with spigot end
Type B Double wire



(B)

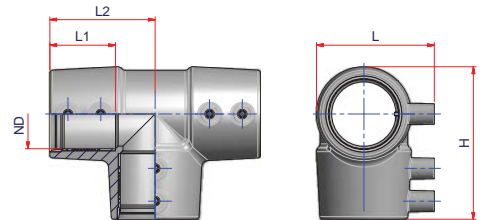
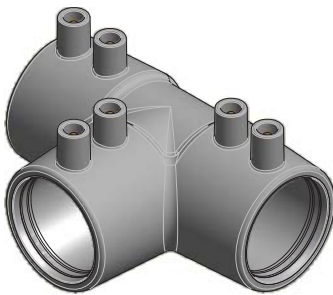


FIG. 243

SDR 11

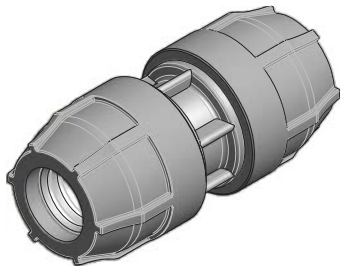
Code	Type	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	S	L1	L2	L3	L	H1	H
27NTCE20	A	1/2"	40	0.154	0.0148	1/2" => 20 mm	1/2" => 20 mm	0.12	1.48	1.81	2.05	1.77	2.62	3.27
27NTCE25	A	3/4"	30	0.176	0.0198	3/4" => 25 mm	3/4" => 25 mm	0.12	1.48	1.81	2.24	1.97	2.70	3.43
27NTCE32	A	1"	25	0.264	0.0237	1" => 32 mm	1" => 32 mm	0.12	1.48	1.85	2.52	2.17	2.95	3.80
27NTCE40	A	1 1/4"	16	0.396	0.0371	1 1/4" => 40 mm	1 1/4" => 40 mm	0.15	1.73	2.13	2.91	2.62	3.31	4.37
27NTCE50	A	1 1/2"	20	0.594	0.0636	1 1/2" => 50 mm	1 1/2" => 50 mm	0.18	1.83	2.40	3.35	3.01	3.94	5.26
27NTCE63	A	2"	12	1.155	0.1059	2" => 63 mm	2" => 63 mm	0.23	2.24	2.68	3.90	3.54	4.53	6.14
27NTCE75	A	2 1/2"	20	1.650	0.1413	2 1/2" => 75 mm	2 1/2" => 75 mm	0.27	2.28	2.83	4.41	3.86	5.12	7.01
27NTE90	B	3"	7	4.101	0.4036	3" => 90 mm	3" => 90 mm	-	2.68	4.72	-	5.28	-	7.17
27NTCE110	A	4"	8	8.113	0.9535	4" => 110 mm	4" => 110 mm	0.39	3.27	3.48	6.16	5.67	6.97	9.72
27NTCE160	A	6"	1	14.300	-	6" => 160 mm	6" => 160 mm	0.57	3.42	4.13	7.93	5.94	8.19	11.93
27NTCE200 *	A	8"	1	-	-	8" => 200 mm	8" => 200 mm	-	-	-	-	-	-	-

*Available first quarter 2016

4. PP-RCT COMPRESSION FITTINGS



COUPLING



Material: PP-RCT + EPDM (Wetted Parts)

Range: $\varnothing 1/2'' \div 4''$

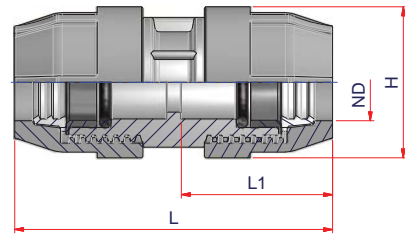


FIG.311

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L	H
03NKMAN20	1/2"	25	0.211	0.0117	1/2" => 20 mm	2.07	4.69	1.77
03NKMAN25	3/4"	35	0.264	0.0170	3/4" => 25 mm	2.15	4.69	2.09
03NKMAN32	1"	20	0.495	0.0297	1" => 32 mm	2.46	5.43	2.54
03NKMAN40	1 1/4"	12	0.853	0.0494	1 1/4" => 40 mm	3.15	6.59	3.29
03NKMAN50	1 1/2"	8	1.100	0.0742	1 1/2" => 50 mm	3.54	7.24	3.78
03NKMAN63	2"	10	1.760	0.1271	2" => 63 mm	4.33	8.84	4.45
03NKMAN75	2 1/2"	14	2.679	0.2016	2 1/2" => 75 mm	4.76	9.69	5.20
03NKMAN90	3"	9	4.278	0.3139	3" => 90 mm	5.67	11.73	5.93
03NKMAN110	4"	5	6.974	0.5650	4" => 110 mm	6.91	14.33	6.97



90° ELBOW

Material: PP-RCT + EPDM (Wetted Parts)

Range: $\frac{1}{2}'' \div 4''$

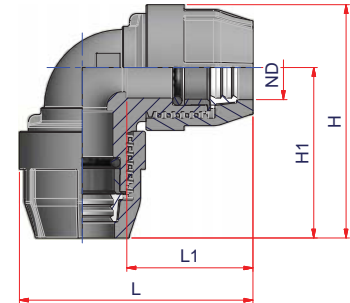


FIG.312

Code	\emptyset	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L	H1	H
03NKG20	1/2"	22	0.220	0.0134	1/2" => 20 mm	2.07	3.68	2.72	3.68
03NKG25	3/4"	30	0.308	0.0198	3/4" => 25 mm	2.15	3.94	2.87	3.94
03NKG32	1"	18	0.479	0.0297	1" => 32 mm	2.46	4.72	3.39	4.72
03NKG40	1 1/4"	9	0.924	0.0657	1 1/4" => 40 mm	3.15	5.98	4.29	5.98
03NKG50	1 1/2"	6	1.364	0.0989	1 1/2" => 50 mm	3.54	6.61	4.80	6.61
03NKG63	2"	8	1.980	0.1589	2" => 63 mm	4.33	7.91	5.79	7.91
03NKG75	2 1/2"	10	3.113	0.2825	2 1/2" => 75 mm	4.76	9.29	6.69	9.29
03NKG90	3"	6	5.042	0.4707	3" => 90 mm	5.67	11.10	8.15	11.10
03NKG110	4"	4	8.113	0.7063	4" => 110 mm	6.91	13.05	9.57	13.05



REDUCER

Material: PP-RCT + EPDM (Wetted Parts)

Range: $\varnothing \frac{3}{4}'' \times \frac{1}{2}'' \div 4'' \times 3''$

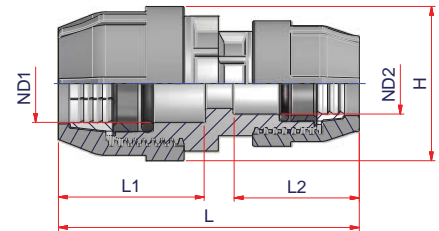
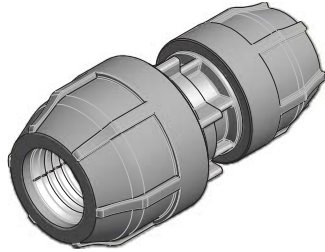


FIG.313

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND1	ND2	L1	L2	L	H
03NKR2520	$\frac{3}{4}'' \times \frac{1}{2}''$	20	0.264	0.0145	$\frac{3}{4}'' \Rightarrow > 25 \text{ mm}$	$\frac{1}{2}'' \Rightarrow > 20 \text{ mm}$	2.15	2.07	4.37	2.09
03NKR3220	$1'' \times \frac{1}{2}''$	15	0.374	0.0194	$1'' \Rightarrow > 32 \text{ mm}$	$\frac{1}{2}'' \Rightarrow > 20 \text{ mm}$	2.46	2.07	5.06	2.54
03NKR3225	$1'' \times \frac{3}{4}''$	25	0.367	0.0244	$1'' \Rightarrow > 32 \text{ mm}$	$\frac{3}{4}'' \Rightarrow > 25 \text{ mm}$	2.46	2.15	5.08	2.54
03NKR4025	$1\frac{1}{4}'' \times \frac{3}{4}''$	9	0.594	0.0325	$1\frac{1}{4}'' \Rightarrow > 40 \text{ mm}$	$\frac{3}{4}'' \Rightarrow > 25 \text{ mm}$	3.15	2.15	5.71	3.29
03NKR4032	$1\frac{1}{4}'' \times 1''$	12	0.633	0.0367	$1\frac{1}{4}'' \Rightarrow > 40 \text{ mm}$	$1'' \Rightarrow > 32 \text{ mm}$	3.15	2.46	5.71	3.29
03NKR5032	$1\frac{1}{2}'' \times 1''$	6	0.924	0.0487	$1\frac{1}{2}'' \Rightarrow > 50 \text{ mm}$	$1'' \Rightarrow > 32 \text{ mm}$	3.54	2.46	6.42	3.78
03NKR5040	$1\frac{1}{2}'' \times 1\frac{1}{4}''$	9	1.007	0.0731	$1\frac{1}{2}'' \Rightarrow > 50 \text{ mm}$	$1\frac{1}{4}'' \Rightarrow > 40 \text{ mm}$	3.54	3.15	6.30	3.78
03NKR6332	$2'' \times 1''$	2	1.980	0.1462	$2'' \Rightarrow > 63 \text{ mm}$	$1'' \Rightarrow > 32 \text{ mm}$	4.33	2.46	7.36	4.45
03NKR6340	$2'' \times 1\frac{1}{4}''$	2	1.650	0.1462	$2'' \Rightarrow > 63 \text{ mm}$	$1\frac{1}{4}'' \Rightarrow > 40 \text{ mm}$	4.33	3.15	8.03	4.45
03NKR6350	$2'' \times 1\frac{1}{2}''$	2	1.650	0.1462	$2'' \Rightarrow > 63 \text{ mm}$	$1\frac{1}{2}'' \Rightarrow > 50 \text{ mm}$	4.33	3.54	8.98	4.45
03NKR7550	$2\frac{1}{2}'' \times 1\frac{1}{2}''$	3	2.200	0.1974	$2\frac{1}{2}'' \Rightarrow > 75 \text{ mm}$	$1\frac{1}{2}'' \Rightarrow > 50 \text{ mm}$	4.76	3.54	9.00	5.20
03NKR7563	$2\frac{1}{2}'' \times 2''$	14	2.318	0.2016	$2\frac{1}{2}'' \Rightarrow > 75 \text{ mm}$	$2'' \Rightarrow > 63 \text{ mm}$	4.76	4.33	9.17	5.20
03NKR9063	$3'' \times 2''$	2	3.520	0.2963	$3'' \Rightarrow > 90 \text{ mm}$	$2'' \Rightarrow > 63 \text{ mm}$	5.67	4.33	10.02	5.98
03NKR9075	$3'' \times 2\frac{1}{2}''$	2	3.795	0.2963	$3'' \Rightarrow > 90 \text{ mm}$	$2\frac{1}{2}'' \Rightarrow > 75 \text{ mm}$	5.67	4.76	11.44	5.98
03NKR11090	$4'' \times 3''$	6	5.793	0.4707	$4'' \Rightarrow > 110 \text{ mm}$	$3'' \Rightarrow > 90 \text{ mm}$	6.91	5.67	13.01	7.13



90° TEE

Material: PP-RCT + EPDM (Wetted Parts)

Range: $\varnothing 1/2'' \div 4''$

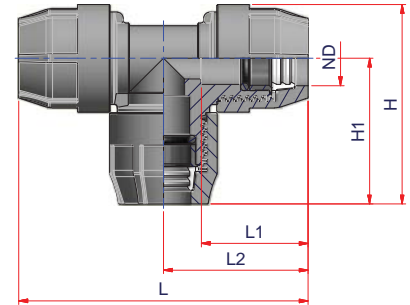
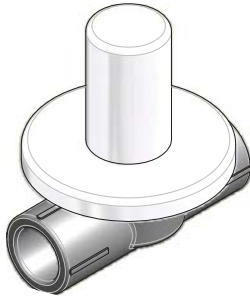


FIG.314

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L1	L2	L	H1	H
03NKT20	1/2"	25	0.326	0.0237	1/2" => 20 mm	2.07	2.68	5.35	2.68	3.60
03NKT25	3/4"	20	0.429	0.0297	3/4" => 25 mm	2.15	2.87	5.75	2.87	3.86
03NKT32	1"	10	0.748	0.0593	1" => 32 mm	2.46	3.43	6.85	3.43	4.65
03NKT40	1 1/4"	6	1.430	0.0989	1 1/4" => 40 mm	3.15	4.25	8.50	4.25	5.98
03NKT50	1 1/2"	4	2.008	0.1483	1 1/2" => 50 mm	3.54	4.80	9.61	4.80	6.89
03NKT63	2"	5	2.860	0.2543	2" => 63 mm	4.33	5.71	11.42	5.71	7.76
03NKT75	2 1/2"	6	4.620	0.4707	2 1/2" => 75 mm	4.76	6.61	13.23	6.61	9.21
03NKT90	3"	4	5.693	0.7063	3" => 90 mm	5.67	8.15	16.30	8.15	11.08
03NKT110	4"	2	12.155	1.4126	4" => 110 mm	6.91	9.61	19.21	9.61	13.09

5. VALVES



COMPLETE STOP VALVE W/LEAD FREE BRASS SOCKET FUSION

Material: PP-RCT - Metal
Range: \varnothing 1/2" ÷ 3/4"

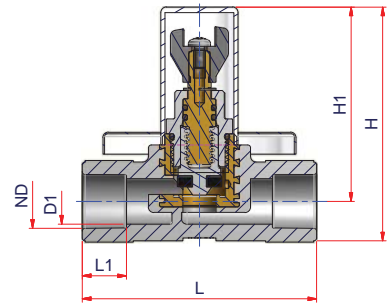


FIG. 225

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	L1	L	H1	H
27NRA20	1/2"	10	0.396	0.0293	1/2" => 20 mm	0.65	0.63	3.35	2.78	3.35
27NRA25	3/4"	10	0.682	0.0293	3/4" => 25 mm	0.93	0.79	3.94	3.11	3.82



ANGLE VALVE W/LEAD FREE BRASS SOCKET FUSION

Material: PP-RCT - Metal
Range: \varnothing 1/2" ÷ 1"

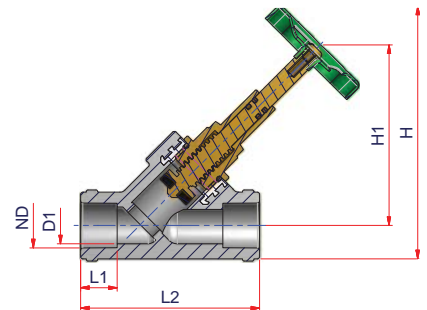


FIG. 226

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	L1	L2	L	H1	H
27NRAIN20	1/2"	15	0.440	0.0194	1/2" => 20 mm	0.65	0.63	3.07	4.57	3.07	4.33
27NRAIN25	3/4"	10	0.704	0.0339	3/4" => 25 mm	0.93	0.67	3.66	3.66	3.62	4.80
27NRAIN32	1"	6	1.137	0.0487	1" => 32 mm	1.10	0.79	4.53	4.53	4.49	5.91



EXTENDED STOP VALVE W/LEAD FREE BRASS SOCKET FUSION

Material: PP-RCT - Metal (*)

Range: $\varnothing 1/2" \div 1"$

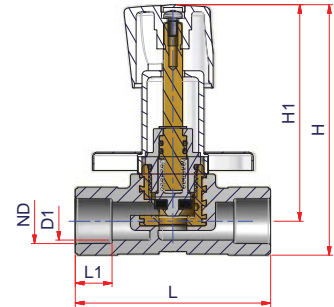


FIG. 227

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	L1	L	H1	H
27NRAPRO20	1/2"	10	0.462	0.0314	1/2" => 20 mm	0.65	0.63	3.35	3.70	4.29
27NRAPRO25	3/4"	10	0.770	0.0293	3/4" => 25 mm	0.93	0.79	3.94	3.70	4.41

*The shape of the handle may be changed



CONCEALED (EXTRACTABLE) BALL VALVE W/LEAD FREE BRASS - SOCKET FUSION

Material: PP-RCT - Metal

Range: $\varnothing 1/2" \div 1"$

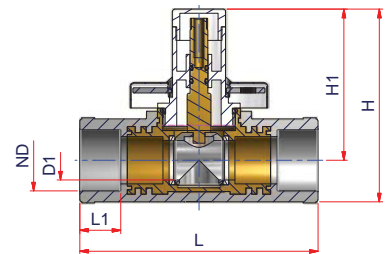


FIG. 228

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	D1	L1	L	H1	H
27NRS20	1/2"	10	1.012	0.0293	1/2" => 20 mm	0.59	0.63	3.96	2.87	3.62
27NRS25	3/4"	10	1.001	0.0293	3/4" => 25 mm	0.59	0.67	3.96	2.87	3.62
27NRS32	1"	10	1.298	0.0293	1" => 32 mm	0.79	0.79	4.76	3.03	3.86



PPR TRUE UNION BALL VALVE SOCKET FUSION



Material: PP / PP-RCT End Connectors
Range: $\varnothing 1/2" \div 4"$

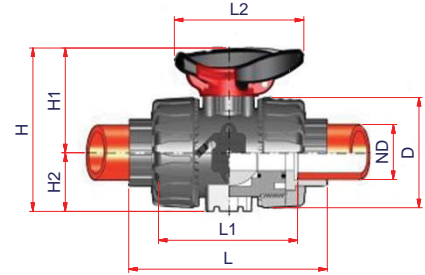


FIG. 229

Code	\varnothing	Carton Qty	Weight lb/p.	Volume ft ³ /p.	ND	L2	L1	L	D	H1	H2	H
27NRSPPVKD020	1/2"	-	1.100	-	1/2" => 20 mm	2.64	2.87	4.02	2.13	2.13	1.14	3.27
27NRSPPVKD025	3/4"	-	1.650	-	3/4" => 25 mm	3.35	3.23	4.49	2.56	2.56	1.36	3.92
27NRSPPVKD032	1"	-	2.200	-	1" => 32 mm	3.35	3.54	4.96	2.87	2.74	1.54	4.27
27NRSPPVKD040	1 1/4"	-	2.750	-	1 1/4" => 40 mm	4.25	3.94	5.55	3.39	3.25	1.81	5.06
27NRSPPVKD050	1 1/2"	-	3.300	-	1 1/2" => 50 mm	4.25	4.61	6.46	3.86	3.50	2.05	5.55
27NRSPPVKD063	2"	-	4.400	-	2" => 63 mm	5.28	5.67	7.83	4.81	4.25	2.44	6.69
27NRSPPVKD075	2 1/2"	-	5.500	-	2 1/2" => 75 mm	8.86	6.02	8.39	6.38	6.46	3.43	9.88
27NRSPPVKD090	3"	-	6.600	-	3" => 90 mm	12.87	6.81	9.41	7.95	6.97	4.13	11.10
27NRSPPVKD110	4"	-	8.800	-	4" => 110 mm	15.16	7.83	10.55	9.29	7.68	5.08	12.76

6. SPARE PARTS

MOUNTING UNIT

Material: Metal

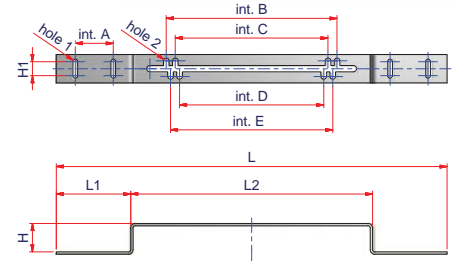
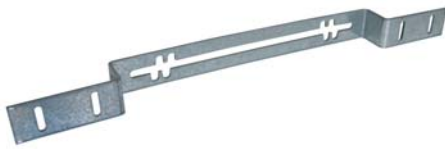


FIG. 230

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.	L	L1	L2	H	H1	hole1	int.A	hole2	int.B	int.C	int.D	int.E
OODIMA	28	0.526	0.0197	16.14	3.05	10.04	1.18	0.59	0.20	1.58	0.26	6.69	5.91	6.30	7.09

TEMPLATE FOR EXTERNAL BATH TAPS

Material: Metal

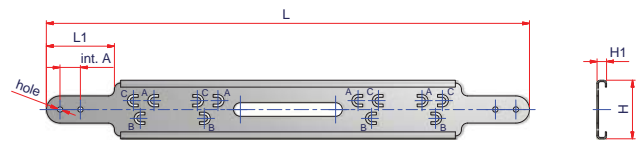


FIG. 231

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.	L	L1	H	H1	hole	int.A	A-A	B-A	B-B	C-C
OODIMARL	100	0.275	0.0056	13.94	1.97	1.67	0.26	0.16	0.59	5.91	6.30	6.69	7.09

CHROME PLATE FOR CONCEALED (EXTRACTABLE) BALL VALVE



Material: Chrome plated plastic
Notes: For code 27NRS..

FIG. 232

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00RSRC	60	0.110	0.0098

SPARE BALL FOR CONCEALED (EXTRACTABLE) BALL VALVE



Material: Steel - Brass
Notes: For code 27NRS..

FIG. 233

Code	Ø	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00RSRS2025	1/2" - 1"	1	0.220	-
00RSRS32	3/4"	1	0.440	-

EXTENSION



Material: Steel + Brass
Notes: For code 27NRS..

FIG. 234

Code	Length	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00PROSF	0.86"	10	0.176	0.0057

HANDLE FOR CONCEALED (EXTRACTABLE) BALL VALVE



Material: Steel + Brass
Notes: For code 27NRS..

FIG. 235

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00MAS	10	0.279	0.0123

LEVER HANDLE FOR CONCEALED (EXTRACTABLE) BALL VALVE



Material: Steel + Brass
Notes: For code 27NRS..

FIG. 236

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00LRS	10	0.440	0.0124

BOLT SPARE PART FOR STOP VALVE W/LEAD FREE BRASS



Material: Brass
Notes: For code 27NRS..

FIG. 237

Code	Ø	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00VIT20	½"	150	0.081	0.0021
00VIT25	¾"	100	0.240	0.0028

CHROME PLATED BOLT FOR STOP VALVE



Material: Chrome plated plastic

Notes: For code 27NRA..- 27NRAPRO..

FIG. 238

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00RARC	70	0.066	0.0085

EXTENSION FOR STOP VALVE



Material: Brass

Notes: For code 27NRA..- 27NRAPRO..

FIG. 239

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00PROVI	20	0.176	0.0124

HANDLE FOR STOP VALVE



Material: Brass

Notes: For code 27NRA..- 27NRAPRO...

FIG. 240

Code	Carton Qty	Weight lb/p.	Volume ft ³ /p.
00MAVI	10	0.143	0.0123

7. EQUIPMENT



PIPE CUTTER

Material: Metal
Range: $\varnothing 1/2'' \div \varnothing 1 1/4''$

FIG. 611

Code	\varnothing	Pack.	Weight lb/p	Volume ft ³ /p.
00TT1540	$1/2'' \div 1 1/4''$	1	2.20	-



MANUAL SCRAPER

Material: Plastic + Metal
Range: All

FIG. 612

Code	Pack.	Weight lb/p	Volume ft ³ /p.
00RAM1	10	0.308	0.1716



REVOLVING SCRAPER

Material: Metal
Range: $\varnothing 2 1/2'' \div \varnothing 16''$

FIG. 613

Code	\varnothing	Pack.	Weight lb/p	Volume ft ³ /p.
00RAT1A	$2 1/2'' \div 6''$	1	10.58	0.05
00RAT2A	$8'' \div 16''$	1	18.52	0.06
SPARE BLADES FOR SCRAPERS				
00RATKITRIC	for 00RAT1A / 00RAT2A	1	2.64	0.01

TURBO SCRAPER



Material: Metal
Range: $\varnothing 1/2'' \div \varnothing 2''$

FIG. 613A

Code	\varnothing	Pack.	Weight lb/p
00RATURB020	1/2"	1	-
00RATURB025	3/4"	1	-
00RATURB032	1"	1	-
00RATURB040	1 1/4"	1	-
00RATURB050	1 1/2"	1	-
00RATURB063	2"	1	-

TURBO SCRAPER KIT

Material: Metal
Range: $\varnothing 1/2'' \div \varnothing 2''$
Note: Suitcase including turbo scrapers from $\varnothing 1/2''$ to 2", manual scraper, 110V screwdriver

FIG. 613B

Code	\varnothing
00RATURBOKIT	from 1/2" to 2"



ALIGNER FOR ELECTROFUSION FITTINGS

Material: Metal
Range: $\varnothing 1/2'' \div \varnothing 16''$

FIG. 614

Code	\varnothing	Pack.	Weight lb/p	Volume ft ³ /p.
00ALL063/4	1/2" \div 2"	1	10.58	0.18
00ALL225/4	1 1/2" \div 8"	1	45.86	0.69
00ALL315/4	10" \div 16"	1	191.80	3.63



WELDER WITH CASE

Material: Metal
 Range: $\varnothing\frac{1}{2}'' \div \varnothing1''$
 Notes: With bushings and case included

FIG. 615

Code	\varnothing	Pack.	Weight lb/p	Power supply
00NSBEP/110	$\frac{1}{2}'' - \frac{3}{4}'' - 1''$	1	17.63	110V- 800W



WELDER WITH SUPPORT

Material: Metal
 Range: $\varnothing\frac{1}{2}'' \div \varnothing2''$
 Notes: Die pairs bushings not included

FIG. 616

Code	\varnothing	Pack.	Weight lb/p	Power supply
00NPCCE/110	$\frac{1}{2}'' \div 2''$	1	6.17	110V/800 W



WELDER WITH SUPPORT

Material: Metal
 Range: $\varnothing\frac{1}{2}'' \div \varnothing4''$
 Notes: Die pairs bushings not included

FIG. 616A

Code	\varnothing	Pack.	Weight lb/p	Power supply
00NPCCE125/110	$\frac{1}{2}'' \div 4''$	1	8.82	110V/1400 W

MALE/FEMALE DIE PAIR FOR WELDER



Material: Metal
Range: $\varnothing 1/2'' \div \varnothing 5''$

FIG. 616B

Code	\varnothing	Pack.	Weight lb/p
00MATRICE20	1/2"	1+1	0.242
00MATRICE25	3/4"	1+1	0.330
00MATRICE32	1"	1+1	0.506
00MATRICE40	1 1/4"	1+1	0.726
00MATRICE50	1 1/2"	1+1	1.056
00MATRICE63	2"	1+1	1.386
00MATRICE75A	2 1/2"	1+1	2.024
00MATRICE90A	3"	1+1	3.080
00MATRICE110A	4"	1+1	5.148
00MATRICE125A	5"	1+1	4.884

MALE/FEMALE DIES FOR HOLE MENDING



Material: Metal

FIG. 616E

Code	\varnothing holes	Pack.	Weight lb/p
00MARP7	0.24" max	1+1	0.220
00MARP11	0.40" max	1+1	0.220

DRILL FOR SADDLES



Material: Metal
Notes: For codes 27NGSF and 27NGS

FIG. 616C

Code	Ø (OUTLET)	Ø (MAIN PIPE)	Pack.
00FGS254090	½" - ¾"	1¼" ÷ 3"	1+1
00FGS25110315	½" - ¾"	4" ÷ 12"	1+1
00FGS3263125	1"	2" ÷ 5"	1+1
00FGS32160315	1"	6" ÷ 12"	1+1
00FGS40	1¼"	-	1+1
00FGS50	1½"	-	1+1
00FGS63	2"	-	1+1

DIE PAIR FOR SADDLES



Material: Metal

Notes: For codes NGS

FIG. 616D

Code	Ø (OUTLET)	Ø (MAIN PIPE)	Pack.
00MATGS202540	½" - ¾"	1¼"	1+1
00MATGS202550	½" - ¾"	1 ½"	1+1
00MATGS202563	½" - ¾"	2"	1+1
00MATGS3263	1"	2"	1+1
00MATGS202575	½" - ¾"	2 ½"	1+1
00MATGS3275	1"	2 ½"	1+1
00MATGS202590	½" - ¾"	3"	1+1
00MATGS3290	1"	3"	1+1
00MATGS4090	1¼"	3"	1+1
00MATGS2025110	½" - ¾"	4"	1+1
00MATGS32110	1"	4"	1+1
00MATGS40110	1¼"	4"	1+1
00MATGS2025125	½" - ¾"	5"	1+1
00MATGS32125	1"	5"	1+1
00MATGS40125	1¼"	5"	1+1
00MATGS2025160	½" - ¾"	6"	1+1
00MATGS32160	1"	6"	1+1
00MATGS40160	1¼"	6"	1+1
00MATGS2025200	½" - ¾"	8"	1+1
00MATGS32200	1"	8"	1+1
00MATGS40200	1¼"	8"	1+1
00MATGS2025250	½" - ¾"	10"	1+1
00MATGS32250	1"	10"	1+1
00MATGS40250	1¼"	10"	1+1
00MATGS2025315	½" - ¾"	12"	1+1
00MATGS32315	1"	12"	1+1
00MATGS40315	1¼"	12"	1+1

follow ...

DIE PAIR FOR SADDLES



Material: Metal

Notes: For codes NGS

FIG. 616D

Code	Ø (OUTLET)	Ø (MAIN PIPE)	Pack.
00MATGS50125	2 ½"	5"	1+1
00MATGS50160	2 ½"	6"	1+1
00MATGS50200	2 ½"	8"	1+1
00MATGS50250	2 ½"	10"	1+1
00MATGS50315	2 ½"	12"	1+1
00MATGS63125	2"	5"	1+1
00MATGS63160	2"	6"	1+1
00MATGS63200	2"	8"	1+1
00MATGS63250	2"	10"	1+1
00MATGS31563	2"	12"	1+1



PLASTIC TEMPLATE

Material: Metal

FIG. 626

Code	Pack.	Weight lb/p
00DIMAA	35	0.407



EXTENDED TESTING PLUG

Material: Plastic



FIG. 627

Code	Ø	Pack.	Weight lb/p	Volume ft ³ /p.	D1	D2	L
00TUN	½" - ¾"	60	0.07	0.001	½"	¾"	3.46



MALE THREADED TESTING PLUG

Material: Plastic

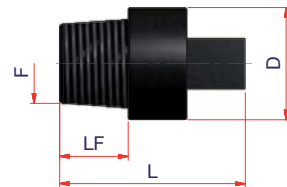


FIG. 628

Code	Ø	Pack.	Weight lb/p	Volume ft ³ /p.	F	LF	L	D
00TF12	½"	100	0.035	0.0028	½"	0.74	1.89	1.14
00TF34	¾"	100	0.035	0.0032	¾"	0.74	1.89	1.14

8. ELECTROFUSION WELDING UNITS

MULTIFUNCTION WELDING UNIT INCORPORATES IN PELICAN CASE WITH BARCODE SCANNER - LIGHT VERSION -



Incorporate in the most innovative waterproof case (PELI). The case is watertight, waterproof, sand-proof, dust proof and able to withstand harsh environments and shocks. It is certified to withstand temperature rating from -28 to + 194 °F and is in fact the ideal mean of transportation for sensitive devices.

TECHNICAL CHARACTERISTICS:

*Conforms with CE requirements. Conforms with UNI 10566 – MULTIFUNCTION type Barcode reader conforming with ISO 13950 and manual setting of time and voltage. Illuminated display with 4 lines, 20 characters each
Memory for 10.000 welding cycles
8 Memories with 500 parameters each for pressure tests
Fitting working range up to 40 Amp. maximum peak
Ambient temperature sensor
Power supply: 115V E 50Hz/60Hz
Maximum power: 1500 VA
Minimum power supply: 3 Kw
Output voltage: from 5 to 42 V
Power cable: L= 12.5 ft
Welding cable: L= 10 ft
Connectors - ø4 mm (art. 00S8305) with adaptors for ø4.7 mm (00S8203)
Dimensions: 20" x 16" x H 8"
Weight: 35 lb
Degree of protection: IP 54
Working temperature: from 0° to + 131°F*

BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box integrated
- Barcode scanner
- Adapters with ø4,7 mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- 00SENS: Pressure test unit

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00E9001LP/110	110V	COUPLERS ½" ÷ 6" - SADDLES	1	35.000	1.4814

MULTIFUNCTION WELDING UNIT INCORPORATES IN PELICAN CASE WITH BARCODE SCANNER

Incorporate in the most innovative waterproof case (PELI). The case is watertight, waterproof, sand-proof, dust proof and able to with stand harsh environments and shocks. It is certified to withstand temperature rating from -28 to + 194 °F and is: in fact the ideal mean of transportation for sensitive devices.



BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box integrated
- Barcode scanner
- Adapters with ø4,7 mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- 00SENS: Pressure test unit

TECHNICAL CHARACTERISTICS:

Conforms with CE requirements. Conforms with UNI 10566 – MULTIFUNCTION type Barcode reader conforming with ISO 13950 and manual setting of time and voltage.

Illuminated display with 4 lines, 20 characters each

Memory for 10.000 welding cycles

8 Memories with 500 parameters each for pressure tests

Fitting working range up to 70 Amp. maximum peak

Ambient temperature sensor

Power supply: 115V E 50Hz/60Hz

Maximum power: 2000 VA

Minimum power supply: 4 Kw

Output voltage: from 5 to 42 V

Power cable: L= 12.5 ft

Welding cable: L= 10 ft

Connectors - ø4 mm (art. 00S8305) with adaptors for ø4.7 mm (00S8203)

Dimensions: 23.78" x 18.33" x 12.08"

Weight: 44 lb

Degree of protection: IP 54

Working temperature: from 0° to + 131°F

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00E9001P/110	110V	½" ÷ 16"	1	44.000	3.0471



Nupi Welding Cloud



MULTIFUNCTION - SMART - WELDING UNIT INCORPORATES IN PELICAN CASE - LIGHT VERSION -

A new evolved welding unit as the SMARTWELD associated with the APP 'Nupi Welding Cloud' allows a 360° management of all information related to the construction site, the weld itself, the traceability of the products installed, the mapping using GPS tracking as well all testing activities later.

Incorporate in the most innovative waterproof case (PELI). The case is watertight, waterproof, sand-proof, dust proof and able to with stand harsh environments and shocks. It is certified to withstand temperature rating from -28 to + 194 °F and is in fact the ideal mean of transportation for sensitive devices.

BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box integrated
- Adapters with $\varnothing 4,7$ mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- 00SENS: Pressure test unit
- 00BCSCAN: Barcode scanner

TECHNICAL CHARACTERISTICS:

Conforms with CE requirements. Conforms with UNI 10566 – MULTIFUNCTION type
 Illuminated display with 4 lines, 20 characters each
 Memory for 10.000 welding cycles
 8 Memories with 500 parameters each for pressure tests
 Fitting working range up to 40 Amp. maximum peak
 Ambient temperature sensor
 Power supply: 115V E 50Hz/60Hz
 Maximum power: 1500 VA
 Minimum power supply: 3 Kw
 Output voltage: from 5 to 42 V
 Power cable: L= 12.5 ft
 Welding cable: L= 10 ft
 Connectors - $\varnothing 4$ mm (art. 00S8305) with adaptors for $\varnothing 4.7$ mm (00S8203)
 Dimensions: 20" x 16" x H 8"
 Weight: 35 lb
 Degree of protection: IP 54
 Working temperature: from 0° to + 131°F

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00SMARTWELD/110	110V	COUPLERS ½" ÷ 6" - SADDLES ALL	1	35.000	1.4814

MULTIFUNCTION - SMART - WELDING UNIT INCORPORATES IN PELICAN CASE



Nupi Welding Cloud



A new evolved welding unit as the SMARTWELD associated with the APP 'Nupi Welding Cloud' allows a 360° management of all information related to the construction site, the weld itself, the traceability of the products installed, the mapping using GPS tracking as well all testing activities later.

Incorporate in the most innovative waterproof case (PELI). The case is watertight, water-proof, sand-proof, dust proof and able to with stand harsh environments and shocks. It is certified to withstand temperature rating from -28 to + 194 °F and is in fact the ideal mean of transportation for sensitive devices.

TECHNICAL CHARACTERISTICS:

Conforms with CE requirements. Conforms with UNI 10566 – MULTIFUNCTION type
Illuminated display with 4 lines, 20 characters each
Memory for 10.000 welding cycles
8 Memories with 500 parameters each for pressure tests
Fitting working range up to 70 Amp. maximum peak
Ambient temperature sensor
Power supply: 115V E 50Hz/60Hz
Maximum power: 2000 VA
Minimum power suply: 4 Kw
Output voltage: from 5 to 42 V
Power cable: L= 12,5 ft
Welding cable: L= 10 ft
Connectors - ø4 mm (art. 00S8305) with adaptors for ø4.7 mm (00S8203)
Dimensions: 23.78" x 18.33" x 12.08"
Weight: 44 lb
Degree of protection: IP 54
Working temperature: from 0° to + 131°F

BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box integrated
- Adapters with ø4,7 mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- 00SENS: Pressure test unit
- 00BCSCAN: Barcode scanner

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00SMARTWELD/110	110V	½" ÷ 16"	1	44.000	3.0471

AUTOMATIC MULTIFUNCTION WELDING UNIT WITH BARCODE SCANNER



TECHNICAL CHARACTERISTICS:

Conforms with CE requirements
Conforms with UNI 10566 – MULTIFUNCTION type
Barcode reader conforming with ISO 13950 and manual setting of time and voltage.
Illuminated display with 4 lines, 20 characters each
Memory for 10.000 welding cycles
8 Memories with 500 parameters each for pressure tests
Fitting working range up to 100 Amp. maximum peak
Ambient temperature sensor
Power supply: 115V /48V E 50Hz/60Hz
Maximum power: 2500 VA
Output voltage: from 5 to 42 V
Power cable: L= 12.50 ft
Welding cable: L= 10.00 ft
Connectors - ø 4mm (art. 00S8305) with adaptors for ø4.7 mm (00S8203)
Dimensions: 13" x 18" x 8" H
Weight: 55.44 lb
Degree of protection: IP 54
Working temperature: from 0°F to + 131°F

BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box
- Scanner for barcode input
- Adapters with ø4,7 mm pins

ADDITIONAL EQUIPMENT

- 00GPS: Global Positioning System
- 00SENS: Pressure test unit

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00E9001/110	110V	½" ÷ 42"	1	55.440	0.1872

AUTOMATIC MULTIFUNCTION WELDING UNIT WITH BARCODE SCANNER - LIGHT VERSION -



BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT:

- User's handbook on hardware support and quick guide on paper
- USB key (2GB) to download data (welding report and pressure test)
- Shipping box
- Barcode scanner
- Adapters with $\varnothing 4,7$ mm pins

ADDITIONAL EQUIPMENT AND SPARES:

- 00SENS: Pressure test unit

TECHNICAL CHARACTERISTICS:

Conforms with CE requirements. Conforms with UNI 10566 – MULTIFUNCTION type

Barcode reader conforming with ISO 13950 and manual setting of time and voltage

Illuminated display with 4 lines, 20 characters each

Memory for 10.000 welding cycles

8 Memories with 500 parameters each for pressure tests

Fitting working range up to 40 Amp. maximum peak

Ambient temperature sensor

Power supply: 115V E 50Hz/60Hz

Maximum power: 1000 VA

Output voltage: from 5 to 42 V

Power cable: L= 12.5 ft

Welding cable: L= 10 ft

Connectors - $\varnothing 4$ mm (art. 00S8305) with adaptors for $\varnothing 4.7$ mm (00S8203)

Dimensions: 11" x 12" x H 6"

Weight: 29 lb

Degree of protection: IP 54

Working temperature: from 0°F to + 131°F

Code	Voltage	Nominal Size (Service line) IPS	Pack.	Weight lb./p.	Volume ft ³ /p.
00E9001L/110	110V	1/2" ÷ 6"	1	29.000	0.4583

STANDARD TERMS & CONDITIONS

FREIGHT CONDITIONS: All NIRON orders shipped domestically are shipped F.O.B. North American Distribution Location. All NIRON Italy orders shipped from Italy are shipped F.O.B. Busto Arsizio (VA) Italy. Once the material leaves our dock it becomes the property and responsibility of the consignee. If freight is lost, or damaged, all freight claims must be filed by the consignee. When shipping to a job site, freight will be third party billed.

FULL FREIGHT ALLOWANCE: To meet the full freight allowance, NIRON orders must be for immediate complete shipment to one location within the contiguous United States or Canada. Shipments to Alaska, Puerto Rico, Hawaii or for export are not freight allowed. For shipments to Alaska, Hawaii, Puerto Rico or for export, the freight allowances shown below, for qualified items, are for shipment to East Coast, Gulf Coast or West Coast Ports only.

Shipments of Fittings Only: \$30,000 net for NIRON fitting or equipment shipments that do not include NIRON pipe for product which is shipped from the North American Distribution Location.

For combined orders of pipe and fittings:

\$50,000 net for delivery to locations within the EST zone of the USA

\$60,000 net for delivery to locations within the CST zone of the USA and EST of Canada

\$70,000 net for delivery within the MST zone of the USA and the CST, AST & NST zones of Canada

\$80,000 net for delivery to locations within the PST zone of the USA and the MST zone of Canada

\$90,000 net for delivery to locations within the PST zone of Canada

Shipments of Complete Containers: For direct shipment of containers from Italy, \$250,000 net for fittings and/or equipment and/or fittings.

For shipments that do not meet full freight allowance terms, an additional 15% service fee will be billed to the cost of the freight.

PAYMENT TERMS: All invoices are due net 30 days from the date of the invoice, with all Past Due accounts subject to a service charge of 1.5% per month. Minimum billing or credit is for \$300.00 net for NIRON Products. Any order under minimum will carry a 10% surcharge.

RETURN POLICY: All orders are non-cancellable and non-returnable, except for: Full box quantities of fittings may be returned, subject to a 10% restocking charge at the original invoiced price, if the fittings are received in the original, undisturbed packaging and are in fully resalable condition. Returns for full box quantities of fittings must be pre-approved in writing by Nupi Americas prior to returning. Freight cost for the return is not included and must be paid by the company requested the return.

ORDER ACCEPTANCE: No price list, literature, catalogue, website or other material describing our products is to be construed as an offer to sell same. Orders are subject to acceptance by us at our offices in Houston, TX. Your order, when shipped by us, shall be the complete contract between us, subject to, and incorporating therein, the terms and conditions, herein set forth, and any provisions or terms contained in the order submitted to us that are not consistent with our terms and conditions shall not be valid. Prices and discounts contained in any of our price lists or posted on our website are subject to change without notice.

LIMITED WARRANTY: Nupi Americas warrants that products sold by it which are included in its NIRON Piping System shall be of good materials and workmanship and free from functional defects for a period of thirty (30) years from the date of sale, excepting valves, gaskets and o-rings; products other than pipes and fittings shall be of good materials and workmanship and free from functional defects for a period of one (1) year from the date of sale; provided that such products are properly installed in accordance with the specifications and published instructions of Nupi Americas by qualified installers who have been trained and certified by Nupi Americas or its authorized representatives. These respective warranties shall become immediately null and void if the products to which they apply: (i) are employed in applications not recommended by Nupi Americas; (ii) are installed by anyone other than an installer trained by Nupi Americas or its authorized representatives; or (iii) are installed in a manner which fails to comply with written installation instructions of Nupi Americas.

In the event of a system malfunction or leak caused by defective Nupi Americas' warranted materials (and not by incorrect installation, incorrect handling procedures or by jobsite or installation damage), a reasonable amount will be allowed for repair materials and repair labor as long as the amount is pre-approved by Nupi Americas. In order to qualify for a warranty

remedy described in the previous sentence, you must contact Nupi Americas in advance and receive a written authorization for this remedy from an authorized Nupi Americas' representative. Repair materials, repair labor and freight expenses not authorized in writing in advance by Nupi Americas in this way will not be compensated. In the event of a leak occurring in a factory manifold, you may contact Nupi Americas for either a free replacement manifold or any parts that are reasonably needed to repair such a leak (freight prepaid). Note that Nupi Americas limits its warranty to its piping, valves and accessories, fittings and manifolds. Nupi Americas does not warrant the connection on any installation, as the integrity of the connection is subject to the workmanship of the contractor/installer. The connection is the sole responsibility of the company or person who installs it.

Evidence of tampering, mishandling, neglect, accidental damage, freeze damage or unauthorized repairs that cause damage to Nupi Americas' warranted products will void any warranty coverage for those particular products. All field connections are specifically excluded from the terms of this warranty.

Nupi Americas provides a complete plumbing system offering so that it is possible to complete an installation with Nupi Americas' products. However, it is possible that other manufacturers' piping and/or fittings may be installed in any given installation. Providing that the piping and/or fittings are manufactured to the same ASTM and CSA standards governing Niron's products, and have been certified by a recognized third-party testing agency, the NIRON product in the given installation will continue to be covered under this warranty. In the event of a system malfunction or leak that has other piping and/or fitting manufacturers' components installed within the failed system, Nupi Americas will be responsible only for proven defects in material or workmanship in the Nupi Americas products. Products manufactured by another company should be reported to that manufacturer for its warranty response.

These limited warranties are in lieu of all other warranties, express or implied, including, without limitation, those concerning merchantability or fitness for a particular purpose. These limited warranties are also in lieu of any other possible liabilities of Nupi Americas, whether alleged to have arisen by agreement or by operation of law, respecting the sale, installation, use or function of Nupi Americas' products, including, without limitation, claims of negligence, gross negligence, strict liability or any other tort.

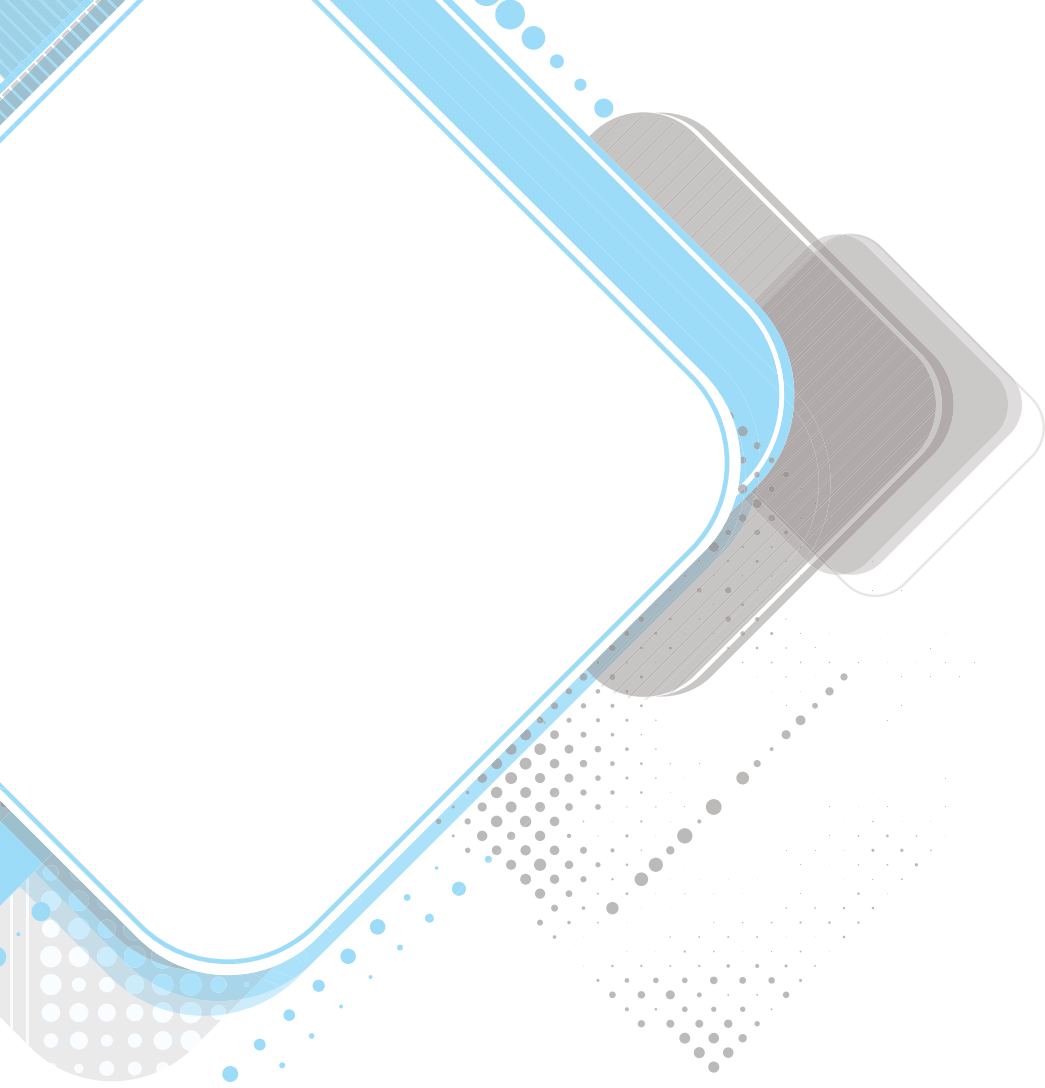
LIMITATION OF LIABILITY: In no event shall Nupi Americas be liable for personal injury or damage to real or personal property attributed to its products, nor for any excavation, removal, downtime, cleanup, remediation, loss of use, loss of opportunity, loss of market value, loss of rental value, loss of profits, loss of production, or other special, incidental, resulting, consequential or exemplary damages.

No person is authorized by Nupi Americas to accept for it any other liability of any kind in connection with the sale or use of products sold and/or marketed by it.

All requests and notices under this Warranty shall be directed to: Nupi Americas, Attn: Customer Service 1511 Superior Way, Houston, TX 77039; Tel: 281-590-4471 • Fax: 281-590-5268

SHIPPING DATES – DELAYS – SHORTAGE CLAIMS: Promises of shipping dates are estimates, and as such, cannot be guaranteed. Nupi Americas will not be liable for any delay in a delivery. Any claims for shipping errors, shortages or defects must be made to Nupi Americas within 24 hours of receipt of the goods. Buyer shall be required to make timely payment to seller of any amount which is undisputed, or not subject to such claims.

TAXES: Any sales or manufacturers' taxes are to be paid by the buyer, including those imposed under any future statutes.



Nupi Americas, Inc.

1511 Superior Way,
Houston - TX 77039 - U.S.A.
ph. +1 281 590 4471
fax +1 281 590 5268
info@nupiamericas.com
www.nupiamericas.com