

Large-Size Nylon Flexible Conduits and Connectors

GGV Flange, Straight

- Use in railway vehicle construction as well as in a wide range of industrial applications with high sealing and safety requirements
- High-grade, specially formulated polyamide 6
- Flange seal FG04 made from EPDM
- Flange seal FG04/01 made from NBR on special request
- Very high impact strength
- Vibration-proof connection to PMAFLEX[®] conduits
- High conduit pullout strength
- Ingress protection: IP68, IP69K
- Very good chemical properties
- Free from halogens and cadmium
- If the application temperature is above 70° C, we recommend using an additional internal conduit support sleeve (BES)



Cat. No. Black	Fits to NW	Dimensions		
		Width (mm)	Height (mm)	Depth (mm)
BGGV-56	56	82.0	97.0	42.0
BGGV-70	70	97.0	114.0	48.0
BGGV-95	95	126.0	146.0	53.0

Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Flange part, fixation clamps (including two screws), conduit seal (NVN3), flange seal (FG04 or FG04/01)

GOV Flange, 90° Elbow

- Use in railway vehicle construction as well as in a wide range of industrial applications with high sealing and safety requirements
- High-grade, specially formulated polyamide 6
- Flange seal FG04 made from EPDM
- Flange seal FG04/01 made from NBR on special request
- Very high impact strength
- Vibration-proof connection to PMAFLEX[®] conduits
- High conduit pullout strength
- Ingress protection: IP68, IP69K
- Very good chemical properties
- Free from halogens and cadmium
- If the application temperature is above 70° C, we recommend using an additional internal conduit support sleeve (BES)



Cat. No. Black	Fits to NW	Dimensions		
		Width (mm)	Height (mm)	Depth (mm)
BGOV-56	56	82.0	97.0	101.0
BGOV-70	70	97.0	114.0	115.0
BGOV-95	95	126.0	146.0	151.0

Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Flange part, fixation clamps (including two screws), conduit seal (NVN3), flange seal (FG04 or FG04/01)

Large-Size Nylon Flexible Conduits and Fittings

GG Flange, Straight

- For cable protection systems in a wide range of applications
- High-grade, specially formulated polyamide 6
- Flange seal FG04 made from EPDM
- Flange seal FG04/01 made from NBR
- Very high impact strength
- Vibration-proof connection to PMAFLEX® conduits
- High conduit pullout strength
- Ingress protection: IP50 (IP65 with conduit seal ring)
- Very good chemical properties
- Free from halogens and cadmium



Cat. No. Black	Cat. No. Grey	Fits to NW	Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
BGG-56	SGG-56	56	82.0	97.0	42.0
BGG-70	SGG-70	70	97.0	114.0	48.0
BGG-95	SGG-95	95	126.0	146.0	53.0
BGG-125	SGG-125	125	—	194.0	79.0

Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Flange part, fixation clamps (including two screws), flange seal (FG04 or FG04/01), conduit seal ring (SG03, optional for IP65)

GO Flange, 90° Elbow

- For cable protection systems in a wide range of applications
- High-grade, specially formulated polyamide 6
- Flange seal FG04 made from EPDM
- Flange seal FG04/01 made from NBR
- Very high impact strength
- Vibration-proof connection to PMAFLEX® conduits
- High conduit pullout strength
- Ingress protection: IP50 (IP65 with conduit seal ring)
- Very good chemical properties
- Free from halogens and cadmium



Cat. No. Black	Cat. No. Grey	Fits to NW	Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
BGO-56	SGO-56	56	82.0	97.0	101.0
BGO-70	SGO-70	70	97.0	114.0	115.0
BGO-95	SGO-95	95	126.0	146.0	149.0

Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Flange part, fixation clamps (including two screws), flange seal (FG04 or FG04/01), conduit seal ring (SG03, optional for IP65)

Large-Size Nylon Flexible Conduits and Fittings

GG Straight, Male Thread

- For cable protection systems in a wide range of applications
- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Easy mounting with locking clamps
- Vibration-proof connection to PMAFLEX® conduits
- High conduit pullout strength
- Ingress protection: IP50 (IP65 when using enclosed conduit and thread seal ring)
- Very good chemical properties
- Free from halogens and cadmium



Cat. No. Black	Cat. No. Grey	Thread	Fits to NW	Thread Length (mm)	Dimensions Height (mm)	Dimensions Depth (mm)
BGG-M6356	SGG-M6356	M63x1.5	56	18.0	98.0	57.5
BGG-P3656	SGG-P3656	PG 36				57.3

Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Threaded connector body, fixation clamps (including two screws), conduit seal ring (SG03, optional for IP65)

GI Straight, Female Thread

- For cable protection systems in a wide range of applications
- High-grade, specially formulated polyamide 6
- Very high impact resistance
- Easy mounting with locking clamps
- Vibration-proof connection to PMAFLEX® conduits
- High conduit pullout strength
- Ingress protection: IP50 (IP65 on conduit side with enclosed conduit seal ring)
- Very good chemical properties
- Free from halogens and cadmium



Cat. No. Black	Cat. No. Grey	Thread	Fits to NW	Thread Length (mm)	Dimensions Height (mm)	Dimensions Depth (mm)
BGI-M7556	SGI-M7556	M75x1.5	56	15.0	98.0	53.3

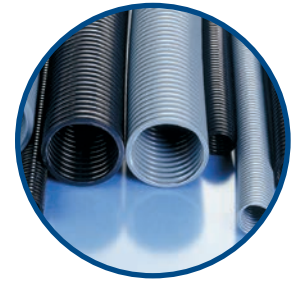
Temperature range: -40° C to 105° C;
Short term to 160° C

Content of delivery:

Threaded connector body, fixation clamps (including two screws), conduit seal ring (SG03, optional for IP65)

Large-Size Nylon Flexible Conduits and Fittings

Jumbo Conduits



Cat. No. Black	Cat. No. Grey	Conduit Size NW	Conduit Size Metric	Inside Diameter (mm)	Outside Diameter (mm)	Stat./DYN Radius (mm)	PU Meter
PCLG-56B	PCLG-56S	56	68	56.3	67.2	130/_	30
PCLG-70B	PCLG-70S	70	80	67.5	80.0	160/_	30/10
PCLG-95B	PCLG-95S	95	106	91.5	106.0	210/_	30/10
PCLG-125B	PCLG-125S	125	146	126.5	146.5	450/_	6
PIHG-56B	PIHG-56S	56	68	56.3	67.2	110/270	30
PIHG-70B	PIHG-70S	70	80	67.2	79.6	150/350	30/10
PIHG-95B	PIHG-95S	95	106	91.3	106.0	170/450	30/10
PIHG-125B	PIHG-125S	125	146	126.5	146.5	350/480	20
VOHG-56B	VOHG-56S	56	68	55.5	67.2	135/_	30
VOHG-70B	VOHG-70S	70	80	67.0	80.0	200/_	10
VOHG-95B	VOHG-95S	95	106	90.5	106.0	300/_	10
VOHG-125B	VOHG-125S	125	146	126.0	146.5	480/_	6
VCSG-56B	VCSG-56S	56	68	56.1	67.2	150/_	30
VCSG-70B	VCSG-70S	70	80	66.5	80.0	200/_	10
VCSG-95B	VCSG-95S	95	106	91.0	106.0	300/_	10
PCSG-56B	PCSG-56S	56	68	56.1	67.2	130/280	30
PCSG-70B	PCSG-70S	70	80	66.5	80.0	170/360	10
PCSG-95B	PCSG-95S	95	106	91.0	106.0	250/470	10
PUEG-56B	—	56	68	56.3	67.2	90/170	30
PUEG-70B	—	70	80	68.2	80.2	100/220	30
CYLG-56B	CYLG-56S	56	68	56.3	67.2	120/_	30
CYLG-70B	CYLG-70S	70	80	68.0	80.0	160/_	30/10
CYLG-90B	CYLG-95S	95	106	91.9	106.0	210/_	10
CYLG-125B	CYLG-125S	125	146	126.5	146.5	450/_	6

For actual cat. number, add PU METER at the end. Example: PCLG-56B.30

Large-Size Nylon Flexible Conduits and Fittings

PACOF Flexible Medium, Divisible

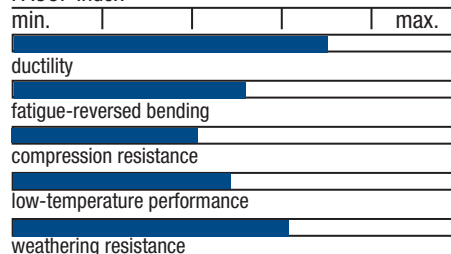
- Use in machine building and plant construction
- Specially modified polyamide 6
- Easy installation and trouble-free retrofitting, applicable also for repairs
- Can be opened and closed again in longitudinal direction any time
- Self extinguishing
- Free from halogens and cadmium



Cat. No. Black	Conduit Size NW	Inside Diameter (mm)	Outside Diameter (mm)	Stat. Radius* (mm)	PU Meter
PACOF-07B	07	5.6	10.0	30	50
PACOF-10B	10	8.5	12.8	33	
PACOF-12B	12	11.0	15.6	35	
PACOF-17B	17	15.5	21.1	45	
PACOF-23B	23	22.1	28.4	70	
PACOF-29B	29	27.2	34.5	120	30
PACOF-36B	36	32.0	42.4	145	
PACOF-48B	48	43.9	54.1	150	
PACOF-70B	70	62.0	79.0	190	10

For actual cat. number, add PU METER at the end. Example: PACOF-07B.50

PACOF Index



Temperature range: -40° C to 105° C;
Short term to 160° C

Chemical resistance: Fuels, mineral oils, fats, alkalies, weak acids, etc.

PPCOF Very Flexible Medium, Divisible

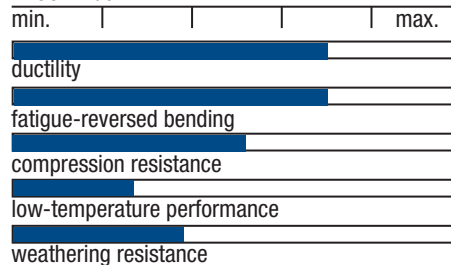
- Use in machine building and plant construction
- Specially modified polypropylene PP
- Easy installation and trouble-free retrofitting, applicable also for repairs
- Can be opened and closed again in longitudinal direction any time

Cat. No. Black	Conduit Size NW	Inside Diameter (mm)	Outside Diameter (mm)	Stat. Radius* (mm)	PU Meter
PPCOF-07B	07	5.6	10.0	25	50
PPCOF-10B	10	8.5	12.8	28	
PPCOF-12B	12	11.0	15.6	35	
PPCOF-17B	17	15.1	21.1	45	
PPCOF-23B	23	22.1	28.4	60	
PPCOF-29B	29	26.6	34.5	100	30
PPCOF-36B	36	31.8	42.4	120	
PPCOF-48B	48	43.9	54.1	140	
PPCOF-70B	70	60.5	78.0	200	10

For actual cat. number, add PU METER at the end. Example: PPCOF-07B.50



PPCOF Index



Temperature range: -20° C to 105° C;
Short term to 150° C

Chemical resistance: Fuels, mineral oils, fats, alkalies, weak acids, etc.

Fine profile T
Tight bending radius

Coarse profile G
High pullout strength

**† stat. R =

lowest recommended bending radius for static (fixed) installation.

Large-Size Nylon Flexible Accessories

GH Tube Clamps

- For mounting conduits in a wide range of applications
- High-grade, specially formulated polyamide 6
- One-piece design
- Integrated rib provides axial strain relief
- Allows turning of the conduit, thus avoiding torsion stresses
- Pre-fixation on the conduit possible
- Allows solid fixation with two screws
- Self extinguishing
- Free from halogens and cadmium
- Fits fine (T) and coarse (G) conduit profiles
- No corrosion



Temperature range: -40° C to 105° C

Cat. No. Black	Cat. No. Grey	Fits to Conduit Size		Dimensions Width (mm)	Fixing Screw
		NW	Metric		
BGH-56	SGH-56	56	63	26.0	(2) M8
BGH-70	SGH-70	70	80	30.0	
BGH-95	SGH-95	95	106	30.0	

SGS Tube Clamps

- For mounting of static conduits
- Galvanized steel
- Elastomer profile (EPDM)
- Elastomer profile, free from halogens
- Smooth connection to PMAFLEX® corrugated conduits
- Good ozone and aging resistance



Temperature range: -50° C to 105° C

Cat. No. Black	Fits to NW	Dimensions		
		Width (mm)	Height (mm)	Depth (mm)
SGS-36	36	80.0	48.0	19.0
SGS-48	48	94.0	58.0	
SGS-56	56	118.0	72.0	
SGS-70	70	130.0	85.0	24.0
SGS-95	95	156.0	110.0	
SGS-125	125	200.0	152.0	

SGO3 Conduit Seal Rings

- Used at the conduit end for sealing between the PMAGRIP flanges GG/GI/GO and PMAFLEX® Jumbo conduits
- Nitrile rubber



Temperature range: -40° C to 105° C

Cat. No. Black	Fits to NW	Inside Diameter (mm)	Outside Diameter (mm)	Dimensions Width (mm)
SGO3-56	56	49.5	61.0	1.5
SGO3-70	70	61.5	74.0	
SGO3-95	95	86.0	102.0	
SGO3-125	125	122.0	142.0	2.0