

# Calbond™

A division of

**CALPIPE** INDUSTRIES™  
Incorporated

## PVC Coated Conduit and Fittings

Product Catalog



Calbond offers a complete line of PVC coated conduit, fittings and accessories for the protection of electrical conduit systems in highly corrosive environments.

Calbond products feature a 40 mil exterior PVC coating and a 2 mil urethane coating on the interior and threads. All fittings incorporate our flexible overlapping sleeves, ensuring a tight seal at every connection.

With over 25 years in the PVC coating industry, when you partner with Calbond, you can count on:

- Expertise in conduit systems
- A broad product offering, inclusive of the tools needed to properly install PVC coated conduit systems
- Responsive customer service
- State of the art PVC coating factory utilizing the most modern manufacturing systems and processes
- PVC coating offered on steel and aluminum conduit

### Easy to do Business With

Calbond is committed to providing quality products with the shortest lead times, combined with friendly, personal, and reliable service.

- Rapid quotation response time
- Timely shipments
- Dedicated staff committed to earning your business
- Competitive prices

### Superior Corrosion Protection

Our quality assurance program complies with industry standards established by UL, ANSI and NEMA:

- All Calbond products are UL Listed and NEMA RN-1 compliant with no exceptions
- UL6 Listed with both the zinc coating and PVC coating as primary coatings
- UL PVC adhesion performance tested (DYJC.E226472) where conduit is sequentially subjected to air oven conditioning and exposure test, resistance to salt spray (fog) and adhesion test of ANSI/UL6

### Calbond – Product Enhancements

- Specially formulated PVC provides superior protection to the conduit systems
- Specially formulated urethane internal coating provides the longest available product lifecycle
- Sealing sleeves are provided on all female threads and fit tightly over coated conduit
- Encapsulated stainless steel screws are provided on all fittings
- Ground continuity of the conduit system is maintained across assembled joints

### Corrosion Can Cause Severe Damage to Most Industrial Installations

Calbond PVC coated conduit systems provide superior corrosion protection for a wide variety of industrial applications:



- Petrochemical
- Water & Wastewater Treatment Facilities
- Transportation & Infrastructure
- Food, Dairy & Beverage
- Mining
- Marine & Coastal Facilities
- Chemical Plants
- Steel Mills
- Offshore Platforms
- Breweries
- Cooling Towers
- Pharmaceuticals
- Power Plants
- Solar Farms
- Pulp & Paper Mills
- Fertilizer Plants
- Other corrosive & harsh environments

Calbond is a division of Calpipe Industries, Inc. Experts in the corrosion protection industry, Calpipe has been supplying complete systems of stainless steel and PVC coated conduit and fittings since 1998.

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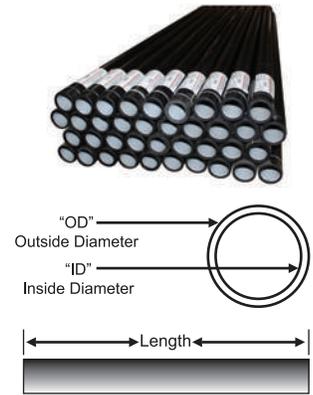
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## PVC COATED RIGID CONDUIT

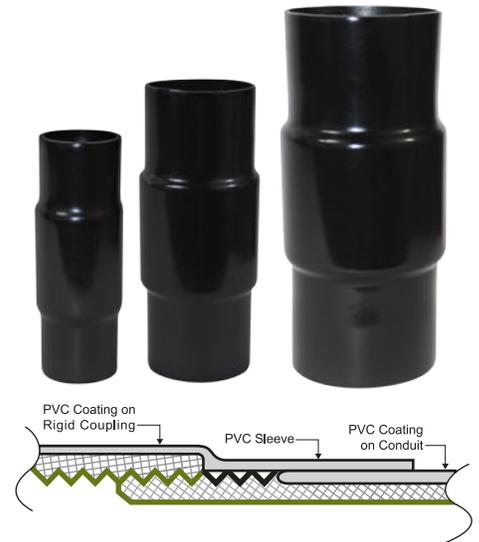
Item Number	Trade Size	Size Metric (mm)	Wall Thickness (in.)	Outside Dia. w/ Coating	Inside Diameter	Weight Per 100 Feet	Feet Per Bundle	Aluminum Item Number
PV0510CT00	1/2"	16	0.104	0.920	0.632	90	1000	PA0510CT00
PV0710CT00	3/4"	21	0.107	1.130	0.836	119	900	PA0710CT00
PV1010CT00	1"	27	0.126	1.395	1.063	175	750	PA1010CT00
PV1210CT00	1-1/4"	35	0.133	1.740	1.394	237	420	PA1210CT00
PV1510CT00	1-1/2"	41	0.138	1.980	1.624	281	380	PA1510CT00
PV2010CT00	2"	53	0.146	2.455	2.083	376	300	PA2010CT00
PV2510CT00	2-1/2"	63	0.193	2.955	2.489	593	170	PA2510CT00
PV3010CT00	3"	78	0.205	3.580	3.090	772	140	PA3010CT00
PV3510CT00	3-1/2"	91	0.215	4.080	3.570	922	110	PA3510CT00
PV4010CT00	4"	103	0.225	4.580	4.050	1089	110	PA4010CT00
PV5010CT00	5"	129	0.245	5.643	5.073	1488	80	PA5010CT00
PV6010CT00	6"	155	0.266	6.705	6.093	1998	50	PA6010CT00



All weights are based on rigid steel conduit & fittings.  
Aluminum weights available by request.

## PVC COATED RIGID COUPLINGS

Item Number	Trade Size	Size Metric (mm)	Length of Metal	Threads Per Inch	Weight Per 100 (lbs)	Box Qty	Aluminum Item Number
PV0500CP00	1/2"	16	1.500	14	19	100	PA0500CP00
PV0700CP00	3/4"	21	1.532	14	32	90	PA0700CP00
PV1000CP00	1"	27	1.906	11-1/2	40	75	PA1000CP00
PV1200CP00	1-1/4"	35	1.906	11-1/2	50	42	PA1200CP00
PV1500CP00	1-1/2"	41	1.906	11-1/2	69	38	PA1500CP00
PV2000CP00	2"	53	1.937	11-1/2	93	30	PA2000CP00
PV2500CP00	2-1/2"	63	2.878	8	123	17	PA2500CP00
PV3000CP00	3"	78	3.031	8	217	14	PA3000CP00
PV3500CP00	3-1/2"	91	3.094	8	422	11	PA3500CP00
PV4000CP00	4"	103	3.188	8	391	11	PA4000CP00
PV5000CP00	5"	129	3.374	8	550	8	PA5000CP00
PV6000CP00	6"	155	3.437	8	884	5	PA6000CP00



## PVC COATED 90° STANDARD ELBOWS

Item Number	Trade Size	Size Metric (mm)	Weight Per 100 (lbs)	Standard Radius A	Offset B	Tangent T	Aluminum Item Number
PV0590EL00	1/2"	16	70	4.25	6.0	1.7	PA0590EL00
PV0790EL00	3/4"	21	100	4.50	6.7	2.2	PA0790EL00
PV1090EL00	1"	27	190	5.75	8.0	2.4	PA1090EL00
PV1290EL00	1-1/4"	35	310	7.25	9.6	2.8	PA1290EL00
PV1590EL00	1-1/2"	41	400	8.25	10.6	2.6	PA1590EL00
PV2090EL00	2"	53	640	9.50	12.0	3.5	PA2090EL00
PV2590EL00	2-1/2"	63	1210	10.50	14.8	4.7	PA2590EL00
PV3090EL00	3"	78	1950	13.00	17.0	5.3	PA3090EL00
PV3590EL00	3-1/2"	91	2630	15.00	20.9	6.1	PA3590EL00
PV4090EL00	4"	103	3280	16.00	21.0	6.5	PA4090EL00
PV5090EL00	5"	129	6750	24.00	32.0	11.2	PA5090EL00
PV6090EL00	6"	155	10510	30.00	41.0	12.1	PA6090EL00



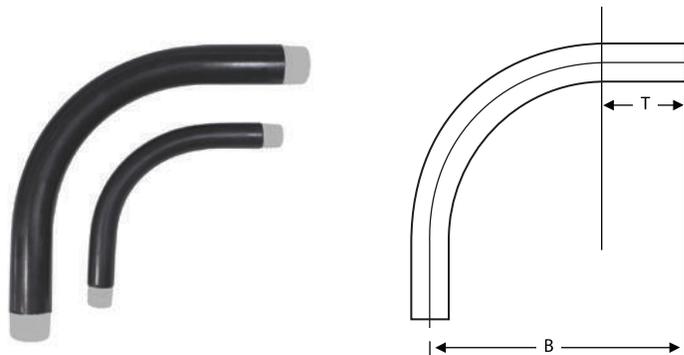
## PVC SPECIAL RADIUS ELBOWS

All special radius elbows also available in PVC coated rigid aluminum

### Special Radius Sweeps

Trade Size	RADIUS															
	12"				18"				24"				30"			
Item Number	B	T	WT	Item Number	B	T	WT	Item Number	B	T	WT	Item Number	B	T	WT	
1/2"	PV0512SW90	21	10	2.60	PV0518SW90	28	11	3.6	PV0524SW90	35	11	4.1	PV0530SW90	41	11	4.9
3/4"	PV0712SW90	21	10	3.50	PV0718SW90	28	11	4.7	PV0724SW90	35	11	5.5	PV0730SW90	41	11	6.5
1"	PV1012SW90	21	10	5.00	PV1018SW90	28	11	6.0	PV1024SW90	35	11	8.0	PV1030SW90	41	11	9.0
1-1/4"	PV1212SW90	21	10	6.00	PV1218SW90	28	11	9.0	PV1224SW90	35	11	11.0	PV1230SW90	41	11	12.0
1-1/2"	PV1512SW90	21	10	8.00	PV1518SW90	28	11	11.4	PV1524SW90	35	11	13.2	PV1530SW90	41	11	15.8
2"					PV2018SW90	28	11	15.2	PV2024SW90	35	11	17.5	PV2030SW90	41	11	21.0
2-1/2"					PV2518SW90	28	11	24.3	PV2524SW90	35	11	28.0	PV2530SW90	41	11	33.6
3"					PV3018SW90	28	11	32.9	PV3024SW90	35	11	38.0	PV3030SW90	41	11	45.6
3-1/2"									PV3524SW90	35	11	45.0	PV3530SW90	41	11	54.0
4"									PV4024SW90	35	11	52.5	PV4030SW90	41	11	63.0

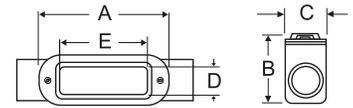
Trade Size	RADIUS											
	36"				48"				60"			
Item Number	B	T	WT	Item Number	B	T	WT	Item Number	B	T	WT	
1/2"	PV0536SW90	47	11	5.5	PV0548SW90	60	12	6.9	PV0560SW90	72	12	8.3
3/4"	PV0736SW90	47	11	7.3	PV0748SW90	60	12	9.1	PV0760SW90	72	12	11.0
1"	PV1036SW90	47	11	10.0	PV1048SW90	60	12	13.0	PV1060SW90	72	12	15.0
1-1/4"	PV1236SW90	47	11	14.0	PV1248SW90	60	12	18.0	PV1260SW90	72	12	22.0
1-1/2"	PV1536SW90	47	11	17.5	PV1548SW90	60	12	21.9	PV1560SW90	72	12	25.0
2"	PV2036SW90	47	11	23.3	PV2048SW90	60	12	29.2	PV2060SW90	72	12	37.0
2-1/2"	PV2536SW90	47	11	37.3	PV2548SW90	60	12	46.7	PV2560SW90	72	12	56.0
3"	PV3036SW90	47	11	50.7	PV3048SW90	60	12	63.3	PV3060SW90	72	12	76.0
3-1/2"	PV3536SW90	47	11	60.0	PV3548SW90	60	12	75.0	PV3560SW90	72	12	90.0
4"	PV4036SW90	47	11	70.0	PV4048SW90	60	12	87.5	PV4060SW90	72	12	105.0
5"	PV5036SW90	47	11	93.3	PV5048SW90	60	12	116.7	PV5060SW90	72	12	140.0
6"	PV6036SW90	47	11	123.3	PV6048SW90	60	12	156.0	PV6060SW90	72	12	185.0



## PVC COATED FORM 8 FITTINGS

### C Form 8 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500C18	1/2"	16	6.69	1.48	1.46	1.00	3.31	200	PA0500C19
PV0700C28	3/4"	21	7.78	1.73	1.27	1.19	3.94	230	PA0700C29
PV1000C38	1"	27	9.31	1.98	1.83	1.38	4.56	280	PA1000C39
PV1200C448	1-1/4"	35	11.00	2.42	2.27	1.75	5.31	450	PA1200C49
PV1500C58	1-1/2"	41	13.38	2.82	2.83	2.13	6.50	650	PA1500C59
PV2000C68	2"	53	14.25	3.60	3.83	3.00	8.56	1030	PA2000C69
PV2500C78	2-1/2"	63	17.63	4.48	5.08	14.25	10.88	1800	PA2500C789
PV3000C88	3"	78	17.63	4.85	5.08	4.25	10.88	2050	PA3000C889
	3-1/2"	91	20.75	5.73	6.33	5.44	13.44	1000	PA3500C989
	4"	103	20.75	5.73	6.33	5.44	13.44	1200	PA4000C1089



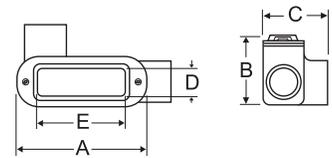
### LB Form 8 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LB18	1/2"	16	5.48	2.26	1.42	1.00	3.31	150	PA0500LB19
PV0700LB28	3/4"	21	6.35	2.48	1.60	1.19	3.94	200	PA0700LB29
PV1000LB38	1"	27	7.51	2.85	1.79	1.38	4.56	290	PA1000LB39
PV1200LB448	1-1/4"	35	8.82	3.38	2.23	1.75	5.31	410	PA1200LB49
PV1500LB58	1-1/2"	41	10.67	4.07	2.79	2.13	6.50	650	PA1500LB59
PV2000LB68	2"	53	13.04	4.85	3.79	3.00	8.56	820	PA2000LB69
PV2500LB78	2-1/2"	63	15.98	6.17	5.04	4.25	10.88	1820	PA2500LB789
PV3000LB888	3"	78	15.98	6.54	5.04	4.25	10.88	2120	PA3000LB889
	3-1/2"	91	14.73	7.60	6.29	5.44	13.44	3120	PA3500LB989
	4"	103	14.73	7.85	6.29	5.44	13.44	3200	PA4000LB1089



### LL Form 8 (covers incl.)

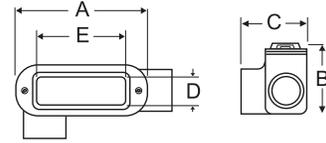
Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LL18	1/2"	16	5.48	1.48	2.20	1.00	3.31	140	PA0500LL19
PV0700LL28	3/4"	21	6.35	1.73	2.35	1.19	3.94	210	PA0700LL29
PV1000LL38	1"	27	7.51	1.98	2.67	1.38	4.56	260	PA1000LL39
PV1200LL48	1-1/4"	35	8.82	2.42	3.20	1.75	5.31	420	PA1200LL49
PV1500LL58	1-1/2"	41	10.67	2.82	4.04	2.13	6.50	620	PA1500LL59
PV2000LL68	2"	53	13.04	3.60	5.04	3.00	8.56	1050	PA2000LL69
PV2500LL78	2-1/2"	63	15.98	4.48	6.73	4.25	10.88	1900	PA2500LL789
PV3000LL88	3"	78	15.98	4.85	6.73	4.25	10.88	2150	PA3000LL889
	3-1/2"	91	14.73	1.92	6.98	4.50	10.25	2150	PA3500LL989
	4"	103	14.73	5.42	6.98	4.50	10.25	2450	PA4000LL1089



## PVC COATED FORM 8 FITTINGS

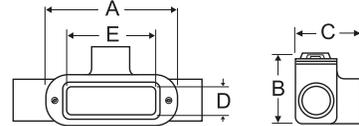
### LR Form 8 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LR18	1/2"	16	5.48	1.48	2.20	1.00	3.31	140	PA0500LR19
PV0700LR28	3/4"	21	6.35	1.73	2.35	1.19	3.94	210	PA0700LR29
PV1000LR38	1"	27	7.51	1.98	2.67	1.38	4.56	260	PA1000LR39
PV1200LR48	1-1/4"	35	8.82	2.42	3.20	1.75	5.31	450	PA1200LR49
PV1500LR58	1-1/2"	41	10.67	2.82	4.04	2.13	6.50	620	PA1500LR59
PV2000LR68	2"	53	13.04	3.60	5.04	3.00	8.56	1070	PA2000LR69
PV2500LR78	2-1/2"	63	15.98	4.48	6.73	4.25	10.88	1770	PA2500LR789
PV3000LR88	3"	78	15.98	4.85	6.73	4.25	10.88	1800	PA3000LR889
	3-1/2"	91	14.73	4.92	6.98	4.50	10.25	2100	PA3500LR989
	4"	103	14.73	5.42	6.98	4.50	10.25	2400	PA4000LR1089



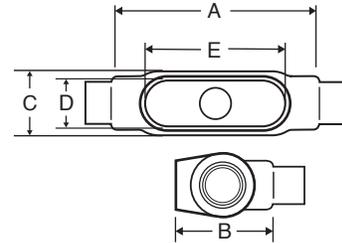
### T Form 8 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500T18	1/2"	16	6.69	1.79	2.20	1.00	3.31	180	PA0500T19
PV0700T28	3/4"	21	2.50	2.04	2.35	1.19	3.94	250	PA0700T29
PV1000T38	1"	27	3.30	2.29	2.67	1.38	4.56	330	PA1000T39
PV1200T48	1-1/4"	35	1.90	2.67	3.20	1.75	5.31	490	PA1200T49
PV1500T58	1-1/2"	41	7.50	2.82	4.04	2.13	6.50	750	PA1500T59
PV2000T68	2"	53	11.70	3.60	5.04	3.00	8.56	1170	PA2000T69
PV2500T78	2-1/2"	63	19.80	4.48	6.73	4.25	10.88	1980	PA2500T789
PV3000T88	3"	78	23.10	4.85	6.73	4.25	10.88	2100	PA3000T889
	3-1/2"	91	21.00	5.73	8.17	5.44	13.44	2350	PA3500T989
	4"	103	24.00	5.98	8.17	5.44	13.44	2400	PA4000T1089



### TB Form 8 (covers incl.)

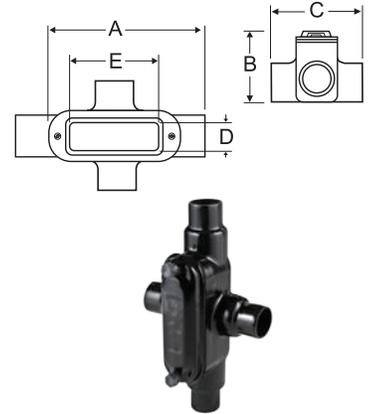
Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500TB18	1/2"	16	6.69	3.57	1.46	1.00	3.31	200	PA0500TB19
PV0700TB28	3/4"	21	7.78	3.79	1.64	1.19	3.94	230	PA0700TB29
PV1000TB38	1"	27	9.31	4.17	1.83	1.38	4.56	310	PA1000TB39
PV1200TB48	1-1/4"	35	11.00	4.38	2.27	1.75	5.31	520	PA1200TB49
PV1500TB58	1-1/2"	41	13.38	5.08	2.83	2.13	6.50	700	PA1500TB59
PV2000TB68	2"	53	16.25	5.85	3.83	3.00	8.56	1100	PA2000TB69



## PVC COATED FORM 8 FITTINGS

### X Form 8 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500X18	1/2"	16	6.69	3.91	1.79	1.00	3.31	200	PA0500X19
PV0700X28	3/4"	21	7.89	4.56	2.04	1.19	3.94	260	PA0700X29
PV1000X38	1"	27	9.31	5.50	2.29	1.38	4.56	310	PA1000X39
PV1200X48	1-1/4"	35	11.00	6.63	2.67	1.75	5.31	520	
PV1500X58	1-1/2"	41	13.38	8.25	2.51	2.13	6.50	750	
PV2000X68	2"	53	16.25	10.25	3.60	3.00	8.56	1170	



## PVC COATED FORM COVERS

### Form 8 Covers

Item Number	Trade Size
PV0500180F	1/2"
PV0700280F	3/4"
PV1000380F	1"
PV1200480F	1-1/4"
PV1500580F	1-1/2"
PV2000680F	2"
PV2530880F	2-1/2" - 3"
PV3540980F	3-1/2" - 4"



### Form 7 Covers

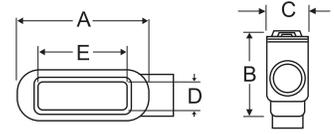
Item Number	Trade Size
PV0500170F	1/2"
PV0700270F	3/4"
PV1000370F	1"
PV1200470F	1-1/4"
PV1500570F	1-1/2"
PV2000670F	2"
PV2530870F	2-1/2" - 3"
PV3540970F	3-1/2" - 4"



## PVC COATED FORM 7 FITTINGS

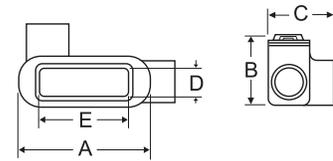
### LB Form 7 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LB17	1/2"	16	5.10	2.29	1.42	0.94	3.19	110	PA0500LB17SA
PV0700LB27	3/4"	21	5.98	2.54	1.60	1.13	3.81	170	PA0700LB27SA
PV1000LB37	1"	27	7.01	2.92	1.79	1.38	4.50	220	PA1000LB37SA
PV1200LB47	1-1/4"	35	7.79	3.35	2.23	1.75	5.00	310	PA1200LB47SA
PV1500LB57	1-1/2"	41	8.67	3.73	2.48	1.94	5.44	380	PA1500LB57SA
PV2000LB67	2"	53	10.17	4.29	3.04	2.44	6.38	520	PA2000LB67SA
PV2500LB777	2-1/2"	63	12.54	5.17	4.29	3.56	8.38	1000	PA2500LB777SA
PV3000LB87	3"	78	12.54	5.92	4.29	3.56	8.38	1300	PA3000LB87SA
PV3500LB97	3-1/2"	91	14.73	6.60	5.29	4.50	10.25	1900	PA3500LB97SA
PV4000LB107	4"	103	14.73	7.10	5.29	4.50	10.25	1850	PA4000LB107SA



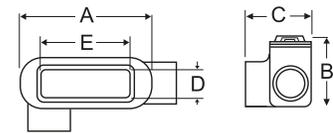
### LL Form 7 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LL17	1/2"	16	5.10	1.42	2.29	0.94	3.19	120	PA0500LL17SA
PV0700LL27	3/4"	21	5.98	1.67	2.48	1.13	3.81	160	PA0700LL27SA
PV1000LL37	1"	27	7.04	1.92	2.79	1.38	4.50	210	PA1000LL37SA
PV1200LL47	1-1/4"	35	7.79	2.35	3.23	1.75	5.00	300	PA1200LL47SA
PV1500LL57	1-1/2"	41	8.67	2.60	3.60	1.94	5.44	410	PA1500LL57SA
PV2000LL67	2"	53	10.17	3.17	4.17	2.44	6.38	570	PA2000LL67SA
PV2500LL777	2-1/2"	63	12.54	3.67	5.79	3.56	8.38	1000	PA2500LL777SA
PV3000LL87	3"	78	12.54	4.42	5.79	3.56	8.38	1270	PA3000LL87SA
PV3500LL97	3-1/2"	91	14.73	4.92	6.98	4.50	10.25	1900	PA3500LL97SA
PV4000LL107	4"	103	14.73	5.42	6.98	4.50	10.25	1900	PA4000LL107SA



### LR Form 7 (covers incl.)

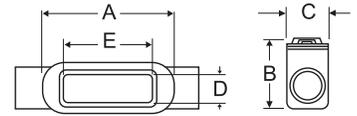
Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LR17	1/2"	16	5.10	1.42	2.29	0.94	3.19	120	PA0500LR17SA
PV0700LR27	3/4"	21	5.98	1.67	2.49	1.13	3.81	160	PA0700LR27SA
PV1000LR37	1"	27	7.04	1.92	2.79	1.38	4.50	210	PA1000LR37SA
PV1200LR47	1-1/4"	35	7.79	2.35	3.23	1.75	5.00	300	PA1200LR47SA
PV1500LR57	1-1/2"	41	8.67	2.60	3.60	1.94	5.44	410	PA1500LR57SA
PV2000LR67	2"	53	10.17	3.17	4.17	2.44	6.38	570	PA2000LR67SA
PV2500LR777	2-1/2"	63	12.54	6.37	5.79	3.56	8.38	1000	PA2500LR777SA
PV3000LR87	3"	78	12.54	4.42	5.79	3.56	8.38	1270	PA3000LR87SA
PV3500LR97	3-1/2"	91	14.73	4.42	6.98	4.50	10.25	1900	PA3500LR97SA
PV4000LR107	4"	103	14.73	5.42	6.98	4.50	10.25	1900	PA4000LR107SA



## PVC COATED FORM 7 FITTINGS

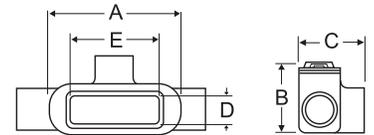
### C Form 7

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500C17	1/2"	16	6.38	1.42	1.46	0.94	3.19	100	PA0500C17SA
PV0700C27	3/4"	21	75.00	1.67	1.64	1.13	3.81	140	PA0700C27SA
PV1000C37	1"	27	9.00	1.92	1.83	1.38	4.50	220	PA1000C37SA
PV1200C47	1-1/4"	35	9.94	2.35	2.27	1.75	5.00	270	PA1200C47SA
PV1500C57	1-1/2"	41	11.19	2.60	2.52	1.94	5.44	400	PA1500C57SA
PV2000C67	2"	53	11.19	3.17	3.08	2.44	6.38	550	PA2000C67SA
PV2500C77	2-1/2"	63	14.00	3.67	4.33	3.56	8.38	1000	PA2500C77SA
PV3000C87	3"	78	13.75	4.42	4.33	3.56	8.38	1180	PA3000C87SA



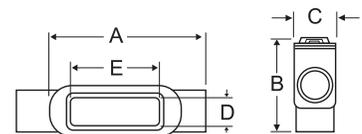
### T Form 7 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500T17	1/2"	16	6.63	1.79	2.48	0.94	3.19	150	PA0500T17SA
PV0700T27	3/4"	21	7.75	2.04	2.67	1.13	3.81	210	PA0700T27SA
PV1000T37	1"	27	9.25	2.29	3.04	1.38	4.50	290	PA1000T37SA
PV1200T47	1-1/4"	35	9.94	2.35	3.23	1.75	5.00	360	PA1200T47SA
PV1500T57	1-1/2"	41	11.19	2.60	3.60	1.94	5.44	450	PA1500T57SA
PV2000T67	2"	53	13.19	3.17	4.17	2.44	6.38	650	PA2000T67SA
PV2500T77	2-1/2"	63	16.00	3.67	5.79	3.56	8.38	1070	PA2500T77SA
PV3000T87	3"	78	16.06	4.42	5.79	3.56	8.35	1540	PA3000T87SA
PV3500T97	3-1/2"	91	18.31	4.92	6.98	4.50	10.25	1900	PA3500T97SA
PV4000T107	4"	103	18.31	5.42	6.98	4.50	10.25	2100	PA4000T107SA



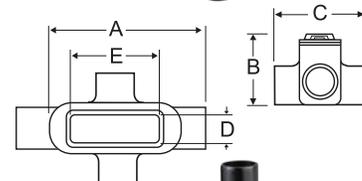
### TB Form 7 (covers incl.)

Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500TB17	1/2"	16	6.63	2.67	1.64	0.94	3.19	160	PA0500TB17SA
PV0700TB27	3/4"	21	7.75	2.92	1.83	1.13	3.81	210	PA0700TB27SA
PV1000TB37	1"	27	9.25	3.29	2.08	1.38	4.50	270	PA1000TB37SA
PV1200TB47	1-1/4"	35	9.94	3.35	2.27	1.75	5.00	370	PA1200TB47SA
PV1500TB57	1-1/2"	41	11.19	5.04	2.52	1.94	5.44	470	PA1500TB57SA
PV2000TB67	2"	53	13.19	6.17	3.08	2.44	6.38	700	PA2000TB67SA



### X Form 7 (covers incl.)

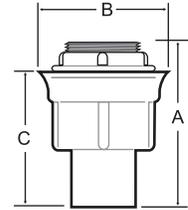
Item Number	Trade Size	Size Metric (mm)	A	B	C	D	E	Weight Per 100 (lbs)	Aluminum Item Number
PV0500X17	1/2"	16	6.63	3.35	1.79	0.94	3.19	170	PA0500X17SA
PV0700X27	3/4"	21	7.75	3.54	2.04	1.13	3.81	240	PA0700X27SA
PV1000X37	1"	27	9.25	4.04	2.29	1.38	4.50	270	PA1000X37SA
PV1200X47	1-1/4"	35	9.94	4.17	2.35	1.75	5.00	360	PA1200X47SA
PV1500X57	1-1/2"	41	11.19	4.67	2.60	1.94	5.44	500	PA1500X57SA
PV2000X67	2"	53	13.19	5.23	3.17	2.44	6.38	750	PA2000X67SA



## PVC COATED CONDUIT HUBS

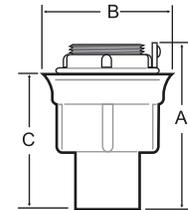
### ST

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	Max Wall Thickness	Aluminum Item Number
PV0500ST1	1/2"	20	1.84	2.00	1.31	0.125	PA0500STA1
PV0700ST2	3/4"	30	2.22	2.25	1.66	0.125	PA0700STA2
PV1000ST3	1"	40	2.66	2.50	2.03	0.125	PA1000STA3
PV1200ST4	1-1/4"	40	2.94	3.25	2.28	0.125	PA1200STA4
PV1500ST5	1-1/2"	60	3.19	3.50	2.53	0.125	PA1500STA5
PV2000ST6	2"	120	3.75	4.25	3.09	0.125	PA2000STA6
PV2500ST7	2-1/2"	150	4.22	4.75	3.28	0.125	PA2500STA7
PV3000ST8	3"	210	4.31	5.25	3.38	0.125	PA3000STA8
PV3500ST9	3-1/2"	300	4.38	5.50	3.44	0.125	PA3500STA9
PV4000ST10	4"	350	4.44	6.25	3.50	0.125	PA4000STA10
PV5000ST11	5"	540	4.94	7.50	4.00	0.125	PA5000STA11
PV6000ST12	6"	690	5.00	8.50	4.00	0.125	PA6000STA12



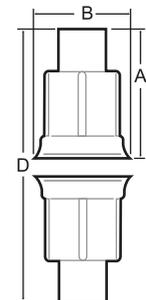
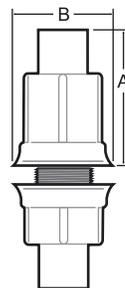
### STG Grounding

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	Max Wall Thickness	Aluminum Item Number
PV0500STG1	1/2"	20	1.84	2.00	1.31	0.125	PA0500STAG1
PV0700STG2	3/4"	30	2.22	2.25	1.66	0.125	PA0700STAG2
PV1000STG3	1"	40	2.66	2.50	2.03	0.125	PA1000STAG3
PV1200STG4	1-1/4"	40	2.94	3.25	2.28	0.125	PA1200STAG4
PV1500STG5	1-1/2"	60	3.19	3.50	2.53	0.125	PA1500STAG5
PV2000STG6	2"	120	3.75	4.25	3.09	0.125	PA2000STAG6
PV2500STG7	2-1/2"	150	4.22	4.75	3.28	0.125	PA2500STAG7
PV3000STG8	3"	210	4.31	5.25	3.38	0.125	PA3000STAG8
PV3500STG9	3-1/2"	300	4.38	5.50	3.44	0.125	PA3500STAG9
PV4000STG10	4"	350	4.44	6.25	3.50	0.125	PA4000STAG10
PV5000STG11	5"	540	4.94	7.50	4.00	0.125	PA5000STAG11
PV6000STG12	6"	690	5.00	8.50	4.00	0.125	PA6000STAG12



### STTB

Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
PV0500STTB1	1/2"	50	PA0500STTB1A1
PV0700STTB2	3/4"	50	PA0700STTB2A2
PV1000STTB3	1"	70	PA1000STTB3A3
PV1200STTB4	1-1/4"	100	PA1200STTB4A4
PV1500STTB5	1-1/2"	120	PA1500STTB5A5
PV2000STTB6	2"	170	PA2000STTB6A6
PV2500STTB7	2-1/2"	250	PA2500STTB7A7
PV3000STTB8	3"	300	PA3000STTB8A8
PV3500STTB9	3-1/2"	420	
PV4000STTB10	4"	590	



### STTB\*

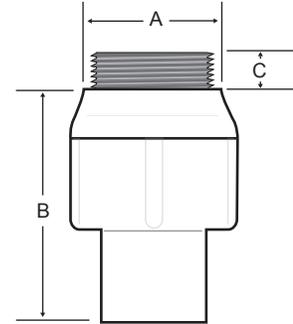
Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
PV0500STTB1	1/2"	100	PA0500STTB1A1
PV0700STTB2	3/4"	100	PA0700STTB2A2
PV1000STTB3	1"	140	PA1000STTB3A3
PV1200STTB4	1-1/4"	200	PA1200STTB4A4
PV1500STTB5	1-1/2"	240	PA1500STTB5A5
PV2000STTB6	2"	340	PA2000STTB6A6

\* Unlimited Wall thickness - determined by nipple used

## PVC COATED LIQUIDTIGHT CONNECTORS

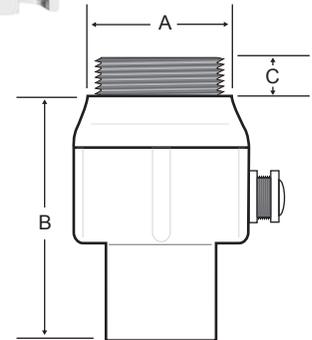
### Straight

Item Number	Trade Size	A	B	C	Weight Per 100 (lbs)	Aluminum Item Number
PV0300LT38	3/8"	1.24	1.88	0.56	20	
PV0500LT50	1/2"	1.46	2.06	0.56	20	PA0500LT50SA
PV0700LT75	3/4"	1.74	2.38	0.56	30	PA0700LT75SA
PV1000LT100	1"	1.96	3.06	0.75	40	PA1000LT100SA
PV1200LT125	1-1/4"	2.36	3.75	0.81	80	PA1200LT125SA
PV1500LT150	1-1/2"	2.80	4.19	0.81	90	PA1500LT150SA
PV2000LT200	2"	3.33	5.06	0.88	170	PA2000LT200SA
PV2500LT250	2-1/2"	3.83	6.13	1.00	300	PA2500LT250SA
PV3000LT300	3"	4.58	6.25	1.00	420	PA3000LT300SA
PV4000LT400	4"	5.58	6.50	1.13	620	PA4000LT400SA



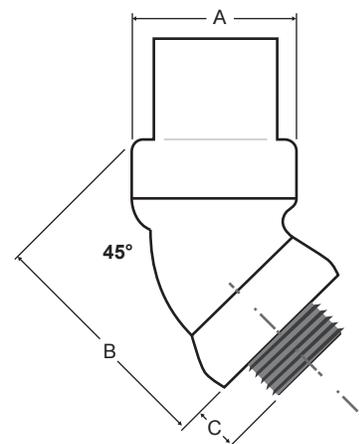
### Straight w/ Ground

Item Number	Trade Size	A	B	C	Weight Per 100 (lbs)	Ground Wire	Aluminum Item Number
PV0300LT38G	3/8"	1.24	1.88	0.56	20	14-8	
PV0500LT50G	1/2"	1.46	2.06	0.56	20	14-8	PA0500LT50GSA
PV0700LT75G	3/4"	1.74	2.38	0.56	30	14-4	PA0700LT75GSA
PV1000LT100G	1"	1.96	3.06	0.75	40	14-4	PA1000LT100GSA
PV1200LT125G	1-1/4"	2.33	3.75	0.81	80	14-4	PA1200LT125GSA
PV1500LT150G	1-1/2"	3.33	4.19	0.81	90	14-4	PA1500LT150GSA
PV2000LT200G	2"	3.89	5.06	0.88	170	14-4	PA2000LT200GSA
PV2500LT250G	2-1/2"	4.52	6.13	1.00	300	1/0-8	PA2500LT250GSA
PV3000LT300G	3"	5.27	6.25	1.00	420	1/0-8	PA3000LT300GSA
PV4000LT400G	4"	6.21	6.50	1.13	620	3/0-6	PA4000LT400GSA



### 45°

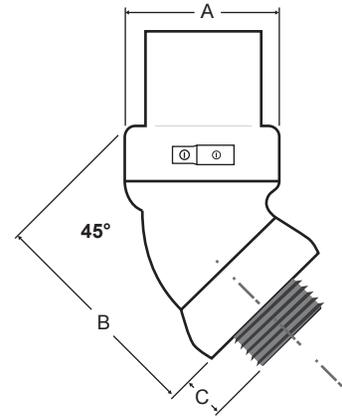
Item Number	Trade Size	A	B	C	Weight Per 100 (lbs)
PV0300LT3845	3/8"	1.24	1.94	0.56	30
PV0500LT5045	1/2"	1.46	2.38	0.56	30
PV0700LT7545	3/4"	1.74	2.88	0.56	40
PV1000LT10045	1"	1.96	3.25	0.75	50
PV1200LT12545	1-1/4"	2.36	4.00	0.81	150
PV1500LT15045	1-1/2"	2.80	4.88	0.81	120
PV2000LT20045	2"	3.33	5.88	0.88	200
PV2500LT25045	2-1/2"	3.83	6.25	1.00	300
PV3000LT30045	3"	4.58	6.25	1.00	420
PV4000LT40045	4"	5.58	6.63	1.13	620



## PVC COATED LIQUIDTIGHT CONNECTORS

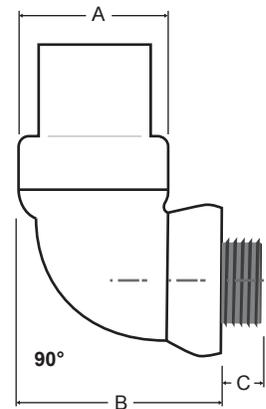
### 45° w/ Ground

Item Number	Trade Size	A	B	C	Ground Wire	Weight Per 100 (lbs)
PV0300LT3845G	3/8"	1.24	1.94	0.56	14-8	30
PV0500LT5045G	1/2"	1.46	2.38	0.56	14-8	30
PV0700LT7545G	3/4"	1.74	2.88	0.56	14-4	40
PV1000LT10045G	1"	1.96	3.25	0.75	14-4	50
PV1200LT12545G	1-1/4"	3.33	4.63	0.81	14-4	150
PV1500LT15045G	1-1/2"	3.33	4.88	0.81	14-4	120
PV2000LT20045G	2"	3.89	5.88	0.88	14-4	200
PV2500LT25045G	2-1/2"	4.52	6.25	1.00	1/0-8	300
PV3000LT30045G	3"	5.27	6.25	1.00	1/0-8	420
PV4000LT40045G	4"	6.21	6.63	1.13	3/0-6	620



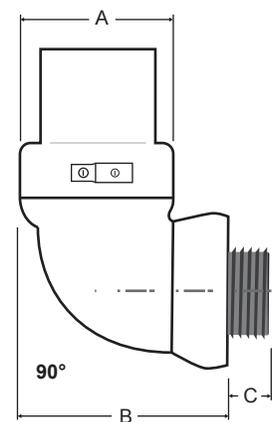
### 90°

Item Number	Trade Size	A	B	C	Weight Per 100 (lbs)	Aluminum Item Number
PV0300LT3890	3/8"	1.24	1.80	0.56	30	
PV0500LT5090	1/2"	1.46	2.10	0.56	30	PA0500LT5090SA
PV0700LT7590	3/4"	1.74	2.54	0.56	40	PA0700LT7590SA
PV1000LT10090	1"	1.96	3.23	0.75	60	PA1000LT10090SA
PV1200LT12590	1-1/4"	2.36	4.04	0.81	100	PA1200LT12590SA
PV1500LT15090	1-1/2"	2.80	4.48	0.81	170	PA1500LT15090SA
PV2000LT20090	2"	3.33	5.48	0.88	270	PA2000LT20090SA
PV2500LT25090	2-1/2"	3.83	10.92	1.00	380	
PV3000LT30090	3"	4.58	12.3	1.00	420	
PV4000LT40090	4"	5.58	14.7	1.13	620	



### 90° w/ Ground

Item Number	Trade Size	A	B	C	Weight Per 100 (lbs)	Aluminum Item Number
PV0300LT3890G	3/8"	1.10	1.55	0.56	30	
PV0500LT5090G	1/2"	1.46	1.98	0.56	30	PA0500LT5090GSA
PV0700LT7590G	3/4"	1.96	2.85	0.75	40	PA0700LT7590GSA
PV1000LT10090G	1"	1.96	3.10	0.75	60	PA1000LT10090GSA
PV1200LT12590G	1-1/4"	2.33	3.79	0.81	100	PA1200LT12590GSA
PV1500LT15090G	1-1/2"	3.33	4.48	0.81	170	PA1500LT15090GSA
PV2000LT20090G	2"	3.89	5.48	0.88	270	PA2000LT20090GSA
PV2500LT25090G	2-1/2"	4.52	10.92	1.00	380	
PV3000LT30090G	3"	5.27	12.3	1.00	420	
PV4000LT40090G	4"	6.21	14.7	1.13	620	



## PVC COATED FS BOXES

FS (Shallow Box)			
Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
<b>Single Gang</b>			
<b>FS</b>			
PV0500FS1	1/2"	320	PA0500FS1SA
PV0700FS2	3/4"	330	PA0700FS2SA
PV1000FS3	1"	350	
<b>FSR</b>			
PV0500FSR1	1/2"	200	
PV0700FSR2	3/4"	220	
<b>FSC</b>			
PV0500FSC1	1/2"	220	PA0500FSC1SA
PV0700FSC2	3/4"	240	PA0700FSC2SA
PV1000FSC3	1"	270	PA1000PSC3SA
<b>FSL</b>			
PV0500FSL1	1/2"	250	
PV0700FSL2	3/4"	270	
<b>FSCT</b>			
PV0500FSCT1	1/2"	220	
PV0700FSCT2	3/4"	250	
PV1000FSCT3	1"	280	
<b>FSCC</b>			
PV0500FSCC1	1/2"	250	
PV0700FSCC2	3/4"	350	
<b>FSS</b>			
PV0500FSS1	1/2"	320	
PV0700FSS2	3/4"	330	
PV1000FSS3	1"	350	
<b>Double Gang</b>			
<b>FS</b>			
PV0500FS12	1/2"	330	PA0500FS12SA
PV0700FS22	3/4"	340	PA0700FS22SA
PV1000FS32	1"	360	
<b>FSC</b>			
PV0500FSC12	1/2"	330	
PV0700FSC222	3/4"	360	
PV1000FSC32	1"	400	



FS (Single)



FSR



FSC



FSCT



FSCC



FSS



FS (Double)

## PVC COATED FD BOXES

FD (Deep Box)			
Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
<b>Single Gang</b>			
<b>FD</b>			
PV0500FD1	1/2"	320	PA0500FD1DA
PV0700FD2	3/4"	330	PA0700FD2DA
PV1000FD3	1"	350	
<b>FDR</b>			
PV0500FDR1	1/2"	320	
PV0700FDR2	3/4"	330	
<b>FDC</b>			
PV0500FDC1	1/2"	220	PA0500FDC1DA
PV0700FDC2	3/4"	240	PA0700FDC2DA
PV1000FDC3	1"	270	PA1000PDC3DA
<b>FDL</b>			
PV0500FDL1	1/2"	310	
PV0700FDL2	3/4"	330	
<b>FDCT</b>			
PV0500FDCT1	1/2"	310	
PV0700FDCT2	3/4"	340	
PV1000FDCT3	1"	390	
<b>FDCC</b>			
PV0500FDCC1	1/2"	250	
PV0700FDCC2	3/4"	350	
<b>FDD</b>			
PV0500FDD1	1/2"	270	
PV0700FDD2	3/4"	280	
PV1000FDD3	1"	310	
<b>Double Gang</b>			
<b>FD</b>			
PV0500FD12	1/2"	330	PA0500FD12DA
PV0700FD22	3/4"	340	PA0700FD22DA
PV1000FD32	1"	360	
<b>FDC</b>			
PV0500FDC12	1/2"	330	
PV0700FDC222	3/4"	360	
PV1000FDC32	1"	400	



FDC (Single)



FDC (Double)



FDCT



FDCC



FD



FDD

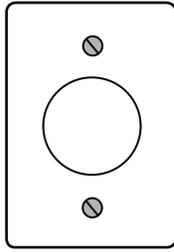
## PVC COATED DEVICE BOX COVERS - SINGLE GANG COVERS



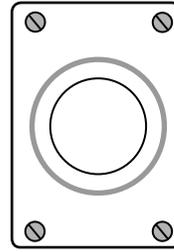
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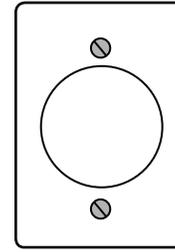
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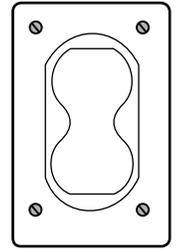
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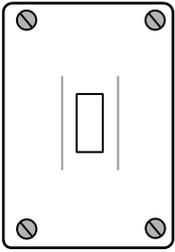
DS21G



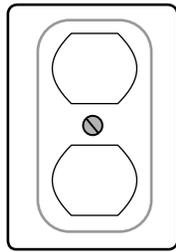
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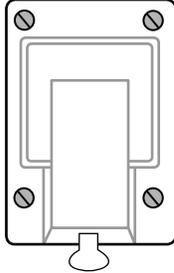
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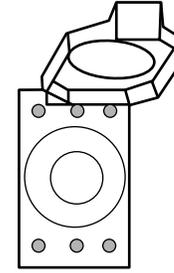
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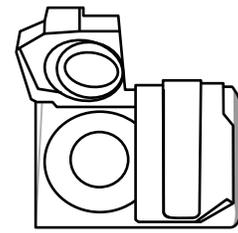
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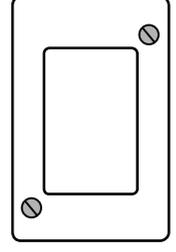
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WLRS1



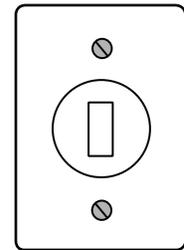
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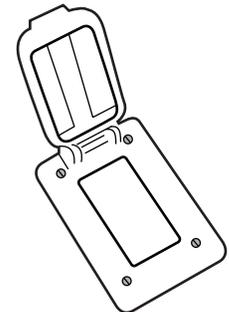
DS23 GFI

### FERROUS COVERS - SINGLE GANG

Item Number	Item Description	Weight Per 100 (lbs)
PV0000DS21	3P 2W GROUNDING ROUND FLUSH RECEPTACLES (S)	30
PV0000DS21G	3P 2W GROUNDING ROUND FLUSH RECEPTACLES (S,F)	30
PV0000DS23	DUPLEX CONVENIENCE RECEPTACLE (S)	30
PV0000DS23G	DUPLEX CONVENIENCE RECEPTACLE (S,F)	40
PV0000DS23GFI	FOR GFI RECEPTACLES	
PV0000DS32	SQUARE HANDLE SNAP OR TOGGLE (S)	40
PV0000DS32G	SQUARE HANDLE SNAP OR TOGGLE (S,F)	40
PV0000DS35	PLUG RECEPTACLE 1-5/8	40
PV0000WLG-FS	WLG-FS HORZ SPRING DOOR COVER GFCI	
PV0000WLG-FSV	WLG-FSV VERT SPRING DOOR COVER GFCI	



DS32



WLG-FSV

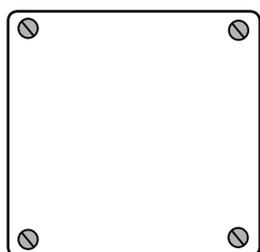


WLG-FS

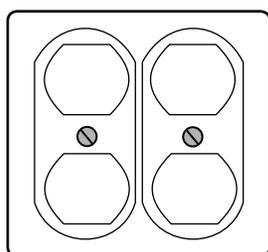
### ALUMINUM COVERS - SINGLE GANG

Item Number	Item Description	Weight Per 100 (lbs)
PA0000DS23SA	ALUM FS/FD 1 GANG COVER-DUPLEX	10
PA0000DS100	BLANK COVER(S)	10
PA0000DS128	1 GANG COVER-SNAP SWITCH	50
PA0000DS100G	BLANK W/GASKET BLANK COVER CAST (S,F)	30
PA0000DS21SA	ALUM 3P2W GROUNDING ROUND FLUSH RECEPTACLES (S)	
PA0000WLRD1	DUPLEX SPRING DOOR DUPLEX COVER 1-3/8" (F)	40
PA0000WLRS1	SINGLE SPRING DOOR SINGLE COVER 1-3/8" (F)	30
PA0000WLRS2	SINGLE SPRING DOOR SINGLE COVER 1-3/8" (F)	30

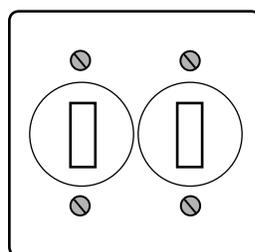
## PVC COATED DEVICE BOX COVERS - DOUBLE GANG COVERS



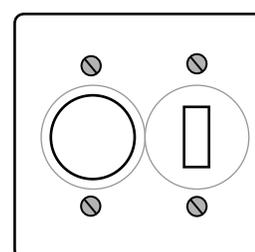
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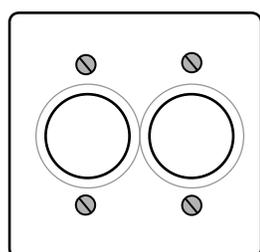
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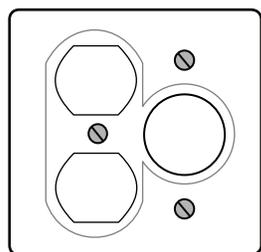
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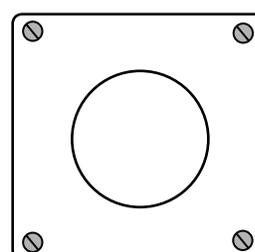
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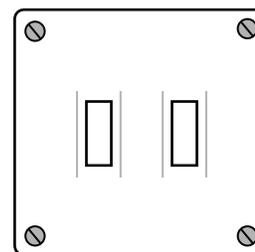
S212



S21232



S612



S322G

### FERROUS COVERS - DOUBLE GANG

Item Number	Item Description	Weight Per 100 (lbs)
PV0000S1002	BLANK COVER SHEET STEEL (S)	100
PV0000S1002G	BLANK COVER IRON ALLOY (S,F)	100
PV0000S21232	ROUND RECEPTACLE - DUPLEX CONVENIENCE	120
PV0000S232	DUPLEX CONVENIENCE (S)	120
PV0000S322	SURFACE FLUSH - SNAP SWITCH (S)	100
PV0000S32212	SHEET STEEL - ROUND RECEPTACLE + SNAP SWITCH (S)	120
PV0000S212	SHEET STEEL ROUND FLUSH - TWO ROUND RECEPTACLES (S)	200
PV0000S612	SHEET STEEL - 2-POLE SURFACE - 20AMP, 250 V RECEPTACLES	120
PV0000S322G	SURFACE OR FLUSH - SNAP SWITCHES IRON ALLOY (S,F)	120

## PVC COATED GUA JUNCTION BOXES FOR HAZARDOUS LOCATIONS

GUAB		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D, Class III						
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D	Aluminum Item Number
PV0500GUAB14	1/2"	2"	200	2.58	2.29	2.38	0.67	
PV0500GUAB16	1/2"	3"	320	3.58	2.04	1.88	0.67	PA0500GUAB16SA
PV0700GUAB24	3/4"	2"	220	2.58	2.54	2.44	0.79	
PV0700GUAB26	3/4"	3"	330	2.58	2.04	1.88	0.79	PA0700GUAB26SA
PV1000GUAB36	1"	3"	380	3.58	2.35	2.19	0.92	PA1000GUAB36SA
PV1200GUAB47	1-1/4"	3 5/8"	500	4.33	2.73	2.75	1.13	PA1200GUAB47SA
PV1500GUAB59	1-1/2"	5"	810	5.83	3.85	3.75	1.32	PA1500GUAB59SA
PV2000GUAB69	2"	5"	910	5.83	4.10	4.00	1.60	PA2000GUAB69SA

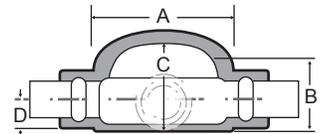
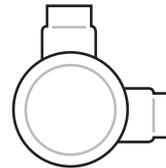
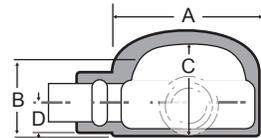
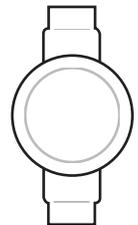
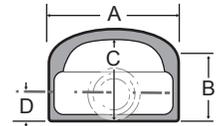
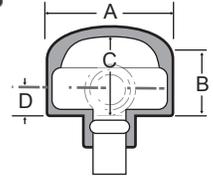
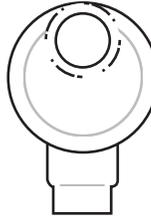
GUAC		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D, Class III						
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D	Aluminum
PV0500GUAC14	1/2"	2"	350	2.58	2.29	2.19	0.67	
PV0500GUAC16	1/2"	3"	200	3.58	2.04	1.88	0.67	PA0500GUAC16SA
PV0700GUAC24	3/4"	2"	350	2.58	2.04	2.00	0.79	
PV0700GUAC26	3/4"	3"	200	3.58	2.04	1.88	0.79	PA0700GUAC26SA
PV1000GUAC36	1"	3"	390	3.58	2.35	2.19	0.92	PA1000GUAC36SA
PV1200GUAC47	1-1/4"	3-5/8"	520	4.33	2.73	2.75	1.13	PA1200GUAC47SA
PV1200GUAC49	1-1/4"	5"	950	5.83	3.85	3.75	1.20	
PV1500GUAC59	1-1/2"	5"	1100	5.83	3.85	3.75	1.32	PA1500GUAC59SA
PV2000GUAC69	2"	5"	1100	5.83	4.10	4.00	1.60	PA2000GUAC69SA

GUAL		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D, Class III						
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D	Aluminum Item Number
PV0500GUAL14	1/2"	2"	200	2.58	2.29	2.19	0.67	
PV0500GUAL16	1/2"	3"	210	3.58	2.04	1.88	0.67	PA0500GUAL16SA
PV0700GUAL24	3/4"	2"	320	2.58	2.54	2.44	0.79	
PV0700GUAL26	3/4"	3"	250	3.58	2.04	1.88	0.79	PA0700GUAL26SA
PV1000GUAL36	1"	3"	370	3.58	2.35	2.19	0.92	PA1000GUAL36SA
PV1200GUAL47	1-1/4"	3-5/8"	520	4.33	2.73	2.75	1.13	PA1200GUAL47SA
PV1200GUAL49	1-1/4"	5"	850	5.83	3.85	3.75	1.20	
PV1500GUAL59	1-1/2"	5"	1120	5.83	3.85	3.75	1.32	PA1500GUAL59SA
PV2000GUAL69	2"	5"	1250	5.83	4.10	4.00	1.60	PA2000GUAL69SA

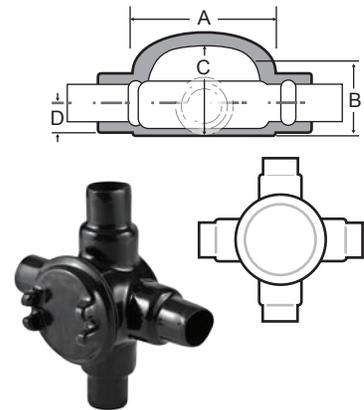
  

GUAT		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D, Class III						
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D	Aluminum Item Number
PV0500GUAT14	1/2"	2"	200	2.58	2.29	2.19	0.67	
PV0500GUAT16	1/2"	3"	280	3.58	2.04	1.88	0.67	PA0500GUAT16SA
PV0700GUAT24	3/4"	2"	220	2.58	2.04	2.00	0.79	
PV0700GUAT26	3/4"	3"	350	3.58	2.04	1.88	0.79	PA0700GUAT26SA
PV1000GUAT36	1"	3"	320	3.58	2.35	2.19	0.92	PA1000GUAT36SA
PV1200GUAT47	1-1/4"	3-5/8"	570	4.33	2.73	2.75	1.13	PA1200GUAT47SA
PV1500GUAT59	1-1/2"	5"	910	5.83	3.85	3.75	1.32	PA1500GUAT59SA
PV2000GUAT69	2"	5"	1000	5.83	4.10	4.00	1.60	PA2000GUAT69SA

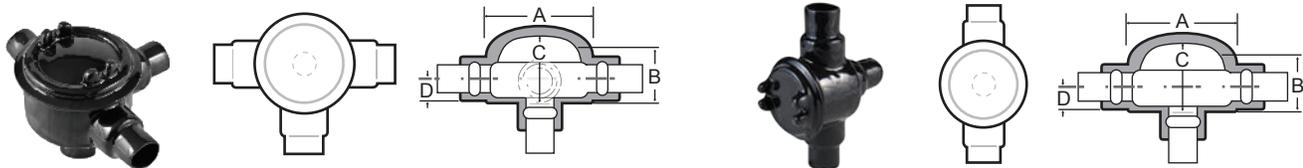
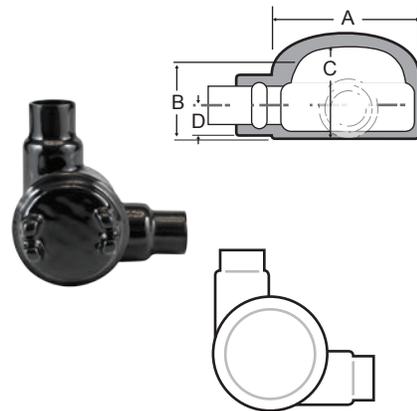


## PVC COATED GUA JUNCTION BOXES FOR HAZARDOUS LOCATIONS

GUAX		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III						Aluminum Item Number
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D	
PV0500GUAX14	1/2"	2"	200	2.58	1.85	1.75	0.67	
PV0500GUAX16	1/2"	3"	380	3.58	2.04	1.88	0.67	PA0500GUAX16SA
PV0700GUAX24	3/4"	2"	250	2.58	2.04	2.00	0.79	
PV0700GUAX26	3/4"	3"	280	3.58	2.04	1.88	0.79	PA0700GUAX26SA
PV1000GUAX36	1"	3"	420	3.58	2.35	2.19	0.92	PA1000GUAX36SA
PV1200GUAX47	1-1/4"	3-5/8"	480	4.33	2.73	2.75	1.13	PA1200GUAX47SA
PV1500GUAX59	1-1/2"	5"	1170	5.83	3.85	3.75	1.32	PA1500GUAX59SA
PV2000GUAX69	2"	5"	1250	5.83	4.10	4.00	1.60	PA2000GUAX69SA



GUAN		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III					
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D
PV0500GUAN14	1/2"	2"	200	2.58	2.17	2.06	0.67
PV0500GUAN16	1/2"	3"	380	3.58	2.04	1.88	0.79
PV0700GUAN24	3/4"	2"	250	2.58	2.35	2.25	0.79
PV0700GUAN26	3/4"	3"	350	2.58	2.04	1.88	0.79
PV1000GUAN36	1"	3"	300	3.58	2.35	2.38	0.92
PV1200GUAN47	1-1/4"	3-5/8"	520	4.33	2.73	2.75	1.13
PV1500GUAN59	1-1/2"	5"	950	5.83	4.10	4.00	1.32
PV2000GUAN69	2"	5"	1200	5.83	4.10	4.00	1.60



GUAW		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III					
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D
PV0500GUAW14	1/2"	2"	200	2.58	1.85	1.75	0.67
PV0500GUAW16	1/2"	3"	200	3.58	2.04	1.88	0.67
PV0700GUAW24	3/4"	2"	300	2.58	2.04	2.00	0.79
PV0700GUAW26	3/4"	3"	300	2.58	2.04	1.88	0.79

GUAD		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III					
Item Number	Trade Size	Cover Opening	Weight Per 100 (lbs)	A	B	C	D
PV0500GUAD14	1/2"	2"	200	2.58	1.85	1.75	0.67
PV0500GUAD16	1/2"	3"	320	3.58	2.04	1.88	0.79
PV0700GUAD24	3/4"	2"	350	2.58	2.04	2.00	0.79
PV0700GUAD26	3/4"	3"	380	2.58	2.04	1.88	0.79
PV1000GUAD36	1"	3"	380	3.58	2.35	2.19	0.92
PV1200GUAD47	1-1/4"	5"	1090	5.83	3.85	3.75	1.13

## PVC COATED UNIONS

### UNF Female-Female

Item Number	Trade Size	Weight Per 100 (lbs)	Length	Max Diameter	Aluminum Item Number
PV0500UNF105	1/2"	30	2.81	1.58	PA0500UNF105SA
PV0700UNF205	3/4"	50	3.25	1.89	PA0700UNF205SA
PV0700UNF215	3/4" - 1/2"	60	3.00	1.89	
PV1000UNF305	1"	70	4.00	1.96	PA1000UNF305SA
PV1200UNF405	1-1/4"	150	4.75	2.83	PA1200UNF405SA
PV1500UNF505	1-1/2"	230	5.63	3.14	PA1500UNF505SA
PV2000UNF605	2"	360	6.56	3.89	PA2000UNF605SA
PV2500UNF705	2-1/2"	500	7.19	4.39	PA2500UNF705SA
PV3000UNF805	3"	650	7.44	5.14	PA3000UNF805SA
PV3500UNF905	3-1/2"	820	8.13	5.77	PA3500UNF905SA
PV4000UNF1005	4"	1000	8.13	6.27	PA4000UNF1005SA
PV5000UNF012	5"	1250	7.81	8.27	
PV6000UNF014	6"	1480	7.81	9.39	



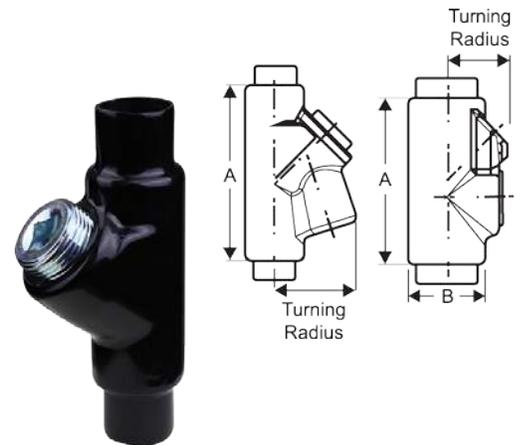
### UNY Female-Male

Item Number	Trade Size	Weight Per 100 (lbs)	Length	Max Diameter	Aluminum Item Number
PV0500UNY105	1/2"	40	3.38	1.58	PA0500UNY105SA
PV0700UNY205	3/4"	70	3.94	1.89	PA0700UNY205SA
PV0700UNY215	3/4" - 1/2"	80	3.69	1.89	
PV1000UNY305	1"	130	4.75	1.96	PA1000UNY305SA
PV1200UNY405	1-1/4"	260	5.69	2.83	PA1200UNY405SA
PV1500UNY505	1-1/2"	390	6.56	3.14	PA1500UNY505SA
PV2000UNY605	2"	420	7.75	3.89	PA2000UNY605SA
PV2500UNY705	2-1/2"	550	8.63	4.39	PA2500UNY705SA
PV3000UNY805	3"	750	9.00	5.14	PA3000UNY805SA
PV3500UNY905	3-1/2"	840	9.50	5.77	PA3500UNY905SA
PV4000UNY1005	4"	1050	9.63	6.27	PA4000UNY1005SA
PV5000UNY012	5"	1200	9.25	8.27	
PV6000UNY014	6"	1490	9.38	9.39	



## PVC COATED SEALING FITTINGS

EYS Female Hubs		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III				
Item Number	Trade Size	Weight Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical positions only</b>						
PV0500EYS1	1/2"	100	4.28	1.33	1.63	PA0500EYS1SA
PV0700EYS2	3/4"	150	5.25	1.58	1.91	PA0700EYS2SA
PV1000EYS3	1"	210	6.31	1.83	2.38	PA1000EYS3SA



EYS Female-Male Hubs		NEC/CEC - Class I, Division 1 & 2, Groups A, B, C, D; Class III				
Item Number	Trade Size	Weight Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical positions only</b>						
PV0500EYS16	1/2"	150	4.78	1.33	1.63	PA0500EYS16SA
PV0700EYS26	3/4"	150	5.25	1.58	1.91	PA0700EYS26SA
PV1000EYS36	1"	230	6.31	1.83	2.38	PA1000EYS36SA



EYS Female Hubs		NEC/CEC - Class I, Division 1 & 2, Groups A*, B, C, D; Class III				
Item Number	Trade Size	WeightL Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical or horizontal positions</b>						
PV0500EYS11*	1/2"	130	4.69	1.33	1.16	PA0500EYS11SA
PV0700EYS21*	3/4"	110	5.19	1.58	1.25	PA0700EYS21SA
PV1000EYS31*	1"	220	6.31	1.83	2.38	PA1000EYS31SA
PV1200EYS41	1-1/4"	300	7.56	2.27	1.72	
PV1500EYS51	1-1/2"	380	8.50	2.52	2.06	
PV2000EYS61	2"	550	10.25	3.08	2.31	
PV2500EYS71	2-1/2"					
PV3000EYS81	3"					
PV3500EYS91	3-1/2"					
PV4000EYS101	4"					



## PVC COATED SEALING FITTINGS

EYS Male-Female Hubs		NEC/CEC - Class I, Division 1 & 2, Groups A*, B, C, D, Class III				
Item Number	Trade Size	Weight Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical or horizontal positions</b>						
PV0500EYS116*	1/2"	150				PA0500EYS116SA
PV0700EYS216*	3/4"	120				PA0700EYS216SA
PV1000EYS316*	1"	260				PA1000EYS316SA
PV1200EYS416	1-1/4"					
PV1500EYS516	1-1/2"					
PV2000EYS616	2"					
PV2500EYS716	2-1/2"					
PV3000EYS816	3"					
PV3500EYS916	3-1/2"					
PV4000EYS1016	4"					

EYS Female Hubs		NEC/CEC - Class I, Division 1 & 2, Groups C, D, Class III				
Item Number	Trade Size	Weight Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical or horizontal positions</b>						
PV0500EYS4	1-1/4"	270				PA1200EYS4SA
PV0700EYS5	1-1/2"	370				PA1500EYS5SA
PV1000EYS6	2"	470				PA2000EYS6SA
PV1200EYS7	2-1/2"	1000				PA2500EYS7SA
PV1500EYS8	3"	1120				PA3000EYS8SA
PV2000EYS9	3-1/2"	1450				PA3500EYS9SA
PV2500EYS10	4"	1600				PA4000EYS10SA

EYS Male-Female Hubs		NEC/CEC - Class I, Division 1 & 2, Groups C, D, Class III				
Item Number	Trade Size	Weight Per 100 (lbs)	A	B	Turning Radius	Aluminum Item Number
<b>For sealing in vertical or horizontal positions</b>						
PV0500EYS46	1-1/4"					PA1200EYS46SA
PV0700EYS56	1-1/2"					PA1500EYS56SA
PV1000EYS66	2"					PA2000EYS66SA
PV1200EYS76	2-1/2"					PA2500EYS76SA
PV1500EYS86	3"					PA3000EYS86SA
PV2000EYS96	3-1/2"					PA3500EYS96SA
PV2500EYS106	4"					PA4000EYS106SA



## PVC COATED SEALING FITTINGS

### EZS Female Hubs

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C
<b>For sealing in any position</b>					
PV0500EZS1	1/2"	200	5.19	3.71	2.58
PV0700EZS2	3/4"	230	5.19	3.71	2.58
PV1000EZS3	1"	270	5.94	4.05	3.08
PV1200EZS4	1-1/4"	350	6.06	4.49	3.08
PV1500EZS5	1-1/2"	400	6.19	4.64	3.33
PV2000EZS6	2"	820	11.06	5.49	5.27
PV2500EZS7	2-1/2"	850	11.94	5.92	5.27
PV3000EZS8	3"	900	12.63	6.58	5.96



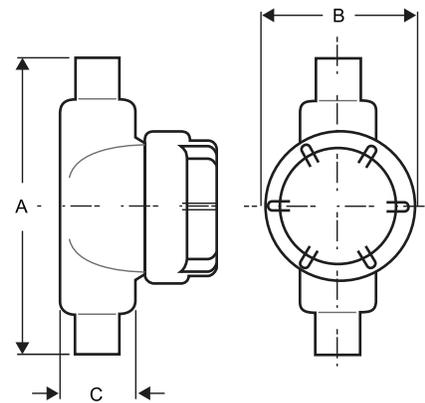
### EZS Male-Female Hubs

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C
<b>For sealing in any position</b>					
PV0500EZS16	1/2"	200	5.19	3.71	2.58
PV0700EZS26	3/4"	240	5.69	3.71	2.58
PV1000EZS36	1"	300	6.94	4.05	3.08
PV1200EZS46	1-1/4"	400	7.56	4.49	3.08
PV1500EZS56	1-1/2"	460	8.19	4.64	3.33
PV2000EZS66	2"	690	11.06	5.49	5.27
PV2500EZS76	2-1/2"	920	11.94	5.92	5.27
PV3000EZS86	3"	870	12.63	6.58	5.96



### EZD Female Hubs w/ Drain & Inspection Cover

Item Number	Trade Size	A	B	C
PV0500EZD111	1/2"	5.19	3.08	3.46
PV0700EZD211	3/4"	5.69	3.08	3.71
PV1000EZD311	1"	6.94	3.58	3.96
PV1200EZD411	1-1/4"	7.44	3.58	4.39
PV1500EZD511	1-1/2"	8.19	3.58	4.64
PV2000EZD611	2"	11.13	5.64	5.33



## PVC COATED LBD FITTINGS (PULLING ELBOWS)

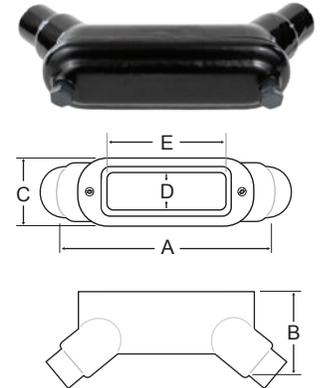
Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LBD1100	1/2"	120	PA0500LBD1100SA
PV0700LBD2200	3/4"	200	PA0700LBD2200SA
PV1000LBD3300	1"	250	PA1000LBD3300SA
PV1200LBD4400	1-1/4"	600	PA1200LBD4400SA
PV1500LBD5500	1-1/2"	1150	PA1500LBD5500SA
PV2000LBD6600	2"	1800	PA2000LBD6600SA
PV2500LBD7700	2-1/2"	2200	PA2500LBD7700SA
PV3000LBD8800	3"	3500	PA3000LBD8800SA
PV3500LBD9900	3-1/2"	6000	PA3500LBD9900SA
PV4000LBD10900	4"	7000	PA4000LBD10900SA



## PVC COATED MOGUL FITTINGS

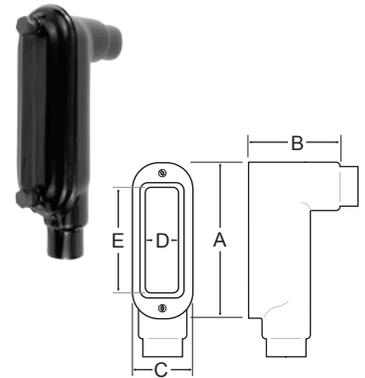
### BUB

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	D	E	Aluminum Item Number
PV1000BUB3	1"	320	10.19	2.73	2.27	1.88	6	PA1000BUB3SA
PV1200BUB4	1-1/4"	400	11.06	3.23	2.27	1.88	6	PA1200BUB4SA
PV1500BUB5	1-1/2"	590	15.00	3.54	3.08	2.63	10	PA1500BUB5SA
PV2000BUB6	2"	780	15.50	4.17	3.08	2.63	10	PA2000BUB6SA
PV2500BUB7	2-1/2"	1250	19.75	4.85	4.33	3.81	15	PA2500BUB7SA
PV3000BUB8	3"	1700	19.88	6.57	4.33	3.81	15	PA3000BUB8SA
PV3500BUB9	3-1/2"	2500	25.38	6.42	5.33	4.75	20	PA3500BUB9SA
PV4000BUB10	4"	2800	25.25	6.85	5.33	4.75	20	PA4000BUB10SA



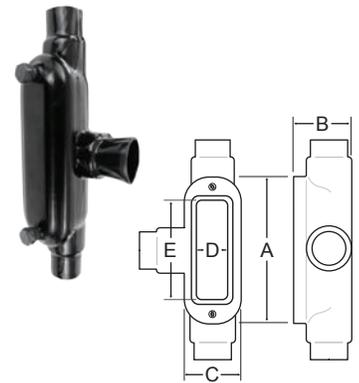
### BLB

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	D	E	Aluminum Item Number
PV1000BLB3	1"	320	9.63	2.88	2.27	1.88	6	PA1000BLB3SA
PV1200BLB4	1-1/4"	420	9.88	3.32	2.27	1.88	6	PA1200BLB4SA
PV1500BLB5	1-1/2"	600	14.23	3.67	3.08	2.63	10	PA1500BLB5SA
PV2000BLB6	2"	700	14.73	4.23	3.08	2.63	10	PA2000BLB6SA
PV2500BLB7	2-1/2"	1380	18.95	5.13	4.33	3.81	15	PA2500BLB7SA
PV3000BLB8	3"	1750	18.95	5.88	4.33	3.81	15	PA3000BLB8SA
PV3500BLB9	3-1/2"	2500	24.17	6.54	5.33	4.75	20	PA3500BLB9SA
PV4000BLB10	4"	2800	24.17	7.04	5.33	4.75	20	PA4000BLB10SA



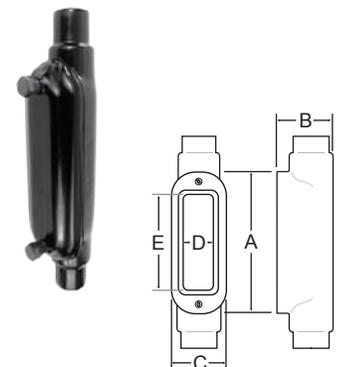
### BT

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	D	E	Aluminum Item Number
PV1000BT3	1"	320	11.56	1.92	4.20	1.88	6	PA1000BT3SA
PV1200BT4	1-1/4"	360	12.06	2.35	4.45	1.88	6	PA1200BT4SA
PV1500BT5	1-1/2"	750	16.75	2.60	5.60	2.63	10	PA1500BT5SA
PV2000BT6	2"	900	17.75	3.17	6.10	2.63	10	PA2000BT6SA
PV2500BT7	2-1/2"	1500	22.38	3.67	7.63	3.81	15	PA2500BT7SA
PV3000BT8	3"	1900	22.38	4.42	7.76	3.81	15	PA3000BT8SA
PV3500BT9	3-1/2"	2900	27.75	4.92	8.92	4.75	20	PA3500BT9SA
PV4000BT10	4"	3200	27.75	5.42	8.92	4.75	20	PA4000BT10SA



### BC

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	D	E	Aluminum Item Number
PV1000BC3	1"	320	7.31	1.92	2.27	1.88	6	PA1000BC3SA
PV1200BC4	1-1/4"	400	8.50	2.35	2.27	1.88	6	PA1200BC4SA
PV1500BC5	1-1/2"	590	10.38	2.60	3.08	2.63	10	PA1500BC5SA
PV2000BC6	2"	780	12.25	3.17	3.08	2.63	10	PA2000BC6SA
PV2500BC7	2-1/2"	1250	15.63	3.67	4.33	3.81	15	PA2500BC7SA
PV3000BC8	3"	1700	15.63	4.42	4.33	3.81	15	PA3000BC8SA
PV3500BC9	3-1/2"	2500	18.75	4.92	5.33	4.75	20	PA3500BC9SA
PV4000BC10	4"	2800	18.75	5.42	5.33	4.75	20	PA4000BC10SA



## PVC COATED MOGUL FITTINGS COVERS

Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
PV1012BG48	1" - 1-1/4"	250	PA1012BG48SA
PV1520BG68	1-1/2" - 2"	320	PA1520BG68SA
PV2530BG88	2-1/2" - 3"	640	PA2530BG88SA
PV3540BG98	3-1/2" - 4"	980	PA3540BG98SA



## PVC COATED MALLEABLE FITTINGS

### 90° Female-Female

Item Number	Trade Size	A	Weight Per 100 (lbs)	Aluminum Item Number
PV0500EL19	1/2"	2.03	70	PA0500EL19SA
PV0700EL29	3/4"	2.50	90	PA0700EL29SA
PV1000EL39	1"	3.00	120	PA1000EL39SA
PV1200EL49	1-1/4"	3.50	240	PA1200EL49SA
PV1500EL59	1-1/2"	5.50	300	PA1500EL59SA
PV2000EL69	2"	7.00	600	PA2000EL69SA
PV2500EL79	2-1/2"	8.44	790	PA2500EL79SA



### 90° Male-Male

Item Number	Trade Size	A	Weight Per 100 (lbs)
PV0500EL195	1/2"	1.44	30
PV0700EL295	3/4"	1.63	50
PV0700EL395	1"	1.88	70



### 90° Male-Female

Item Number	Trade Size	A	Weight Per 100 (lbs)	Aluminum Item Number
PV0500EL196	1/2"	2.03	30	PA0500EL196SA
PV0700EL296	3/4"	2.38	50	PA0700EL296SA
PV1000EL396	1"	2.88	120	PA1000EL396SA



## PVC COATED SERVICE ENTRANCE ELBOWS

### LBY

Item Number	Trade Size	A	B	Weight Per 100 (lbs)	Aluminum Item Number
PV0500LBY15	1/2"	3.10	2.08	100	PA0500LBY15SA
PV0700LBY25	3/4"	3.60	2.33	120	PA0700LBY25SA
PV1000LBY35	1"	4.13	2.58	170	PA1000LBY35SA
PV1200LBY45	1-1/4"	5.04	3.02	250	PA1200LBY45SA
PV1500LBY55	1-1/2"	5.79	3.46	270	PA1500LBY55SA



## PVC COATED STRUT CHANNELS



Item Number	Style	Trade Size	Weight Per 100 ft	Strut Thickness
PV0000B22	Standard	1-5/8" X 1-5/8"	200	12 ga.
PV0000B22A	Back To Back	1-5/8" X 3-1/4"	380	12 ga.
PV0000B22SH	Slotted Standard	1-5/8" X 1-5/8"	185	12 ga.
PV0000B52	Shallow	1-5/8" X 7/8"	135	12 ga.
PV0000B52SH	Slotted Shallow	1-5/8" X 7/8"	130	12 ga.

## PVC COATED STRUT STRAPS



Item Number	Trade Size	Gauge Metal	Weight per 100 (lbs)	Standard Pack
PV0500B2008	1/2"	14	13	100
PV0700B2009	3/4"	14	15	100
PV1000B2010	1"	14	17	100
PV1200B2011	1-1/4"	12	19.5	100
PV1500B2012	1-1/2"	12	28	100
PV2000B2013	2"	12	31	50
PV2500B2014	2-1/2"	12	36	50
PV3000B2015	3"	12	42	50
PV3500B2016	3-1/2"	11	56	25
PV4000B2017	4"	11	64	25
PV5000B2019	5"	10	76	25

## PVC COATED MINI HANGERS



Item Number	Trade Size	Weight Per 100 (lbs)
PV0500MH00	1/2"	10
PV0700MH00	3/4"	10
PV1000MH00	1"	10
PV1200MH00	1-1/4"	10
PV1500MH00	1-1/2"	20
PV2000MH00	2"	30
PV2500MH00	2-1/2"	40
PV3000MH00	3"	50
PV3500MH00	3-1/2"	60
PV4000MH00	4"	70

## PVC COATED U-BOLTS



Item Number	Trade Size	Weight Per 100 (lbs)
PV0500UB00	1/2"	17
PV0700UB00	3/4"	18
PV1000UB00	1"	20
PV1200UB00	1-1/4"	20
PV1500UB00	1-1/2"	31
PV2000UB00	2"	34
PV2500UB00	2-1/2"	39
PV3000UB00	3"	44
PV3500UB00	3-1/2"	45
PV4000UB00	4"	49
PV5000UB00	5"	100
PV6000UB00	6"	130

## CALSTRUT™ STAINLESS STEEL STRUT

### SLOTTED STRUT

Trade Size	Gauge	Type	Part Number
1-5/8" X 1-5/8"	12 ga	SS304	S45810ST58
1-5/8" X 7/8"	14 ga	SS304	S45810ST78
1-5/8" X 1-5/8"	12 ga	SS316	S65810ST58
1-5/8" X 7/8"	14 ga	SS316	S65810ST78



Available in other sizes, styles and gauges upon request. Available in 10' lengths.

### BACK-TO-BACK STRUT

Trade Size	Gauge	Type	Item Number
1-5/8" X 1-5/8"	12 ga	SS304	S45810SB58
1-5/8" X 7/8"	14 ga	SS304	S45810SB78
1-5/8" X 1-5/8"	12 ga	SS316	S65810SB58
1-5/8" X 7/8"	14 ga	SS316	S65810SB78



### SOLID STRUT

Trade Size	Gauge	Type	Item Number
1-5/8" X 1-5/8"	12 ga	SS304	S45810SL58
1-5/8" X 7/8"	14 ga	SS304	S45810SL78
1-5/8" X 1-5/8"	12 ga	SS316	S65810SL58
1-5/8" X 7/8"	14 ga	SS316	S65810SL78



### STRUT CLAMPS

Trade Size	Part Number
1/2"	S60500SC00
3/4"	S60700SC00
1"	S61000SC00
1-1/4"	S61200SC00
1-1/2"	S61500SC00
2"	S62000SC00
2-1/2"	S62500SC00
3"	S63000SC00
3-1/2"	S63500SC00
4"	S64000SC00



(Also available in SS EMT)

## STAINLESS STEEL CLAMPS (Type 316SS)

### CLAMP BACKS

Trade Size	Part Number
1/2"	S60500CB00
3/4"	S60700CB00
1"	S61000CB00



## REDUCING COUPLINGS



Item Number	Trade Size	Weight Per 100 (lbs)	Aluminum Item Number
PV0700REC21	3/4" - 1/2"	20	PA0700REC21SA
PV1000REC31	1" - 1/2"	70	PA1000REC31SA
PV1000REC32	1" - 3/4"	50	PA1000REC32SA
PV1200REC42	1-1/4" - 3/4"	100	PA1200REC42SA
PV1200REC43	1-1/4" - 1"	80	PA1200REC43SA
PV1500REC52	1-1/2" - 3/4"	140	PA1500REC52SA
PV1500REC53	1-1/2" - 1"	120	PA1500REC53SA
PV1500REC54	1-1/2" - 1-1/4"	130	PA1500REC54SA
PV2000REC602	2" - 3/4"	150	PA2000REC602SA
PV2000REC603	2" - 1"	230	PA2000REC603SA
PV2000REC604	2" - 1-1/4"	260	PA2000REC604SA
PV2000REC605	2" - 1-1/2"	280	PA2000REC605SA
PV2500REC75	2-1/2" - 1-1/2"	320	
PV3000REC86	3" - 2"	370	PA3000REC86SA
PV3500REC97	3-1/2" - 2-1/2"	460	
PV4000REC108	4" - 3"	590	
PV5000REC01210	5" - 4"	740	

## PVC COATED GROUNDING BUSHINGS



Item Number	Trade Size	Weight Per 100 (lbs)
PV0500GLL1	1/2"	10
PV0700GLL2	3/4"	10
PV1000GLL3	1"	10
PV1200GLL4	1-1/4"	20
PV1500GLL5	1-1/2"	20
PV2000GLL6	2"	30
PV2500GLL7	2-1/2"	50
PV3000GLL8	3"	70
PV3500GLL9	3-1/2"	100
PV4000GLL10	4"	110

## SPLIT COUPLINGS



Item Number	Trade Size	Weight Per 100 (lbs)
PV0500TCC1	1/2"	39
PV0700TCC2	3/4"	45
PV1000TCC3	1"	68
PV1200TCC4	1-1/4"	82
PV1500TCC5	1-1/2"	116
PV2000TCC6	2"	211
PV2500TCC7	2-1/2"	283
PV3000TCC8	3"	323
PV3500TCC9	3-1/2"	395
PV4000TCC10	4"	506
PV5000TCC12	5"	944
PV6000TCC14	6"	1218

## PVC COATED RIGHT ANGLE CLAMPS

Item Number	Trade Size	Weight Per 100 (lbs)
PV0500RAC50HD	1/2"	49
PV0700RAC75HD	3/4"	53
PV1000RAC100HD	1"	61
PV1200RAC125HD	1-1/4"	65
PV1500RAC150HD	1-1/2"	92
PV2000RAC200HD	2"	100
PV2500RAC250HD	2-1/2"	125
PV3000RAC300HD	3"	150
PV3500RAC350HD	3-1/2"	175
PV4000RAC400HD	4"	198



## PVC COATED PARALLEL CLAMPS

Item Number	Trade Size	Weight Per 100 (lbs)
PV0500PARC50HD	1/2"	47
PV0700PARC75HD	3/4"	63
PV1000PARC100HD	1"	67
PV1200PARC125HD	1-1/4"	100
PV1500PARC150HD	1-1/2"	130
PV2000PARC200HD	2"	158
PV2500PARC250HD	2-1/2"	175
PV3000PARC300HD	3"	200
PV3500PARC350HD	3-1/2"	250
PV4000PARC400HD	4"	275



## PVC COATED CONDUIT J-HANGER PIPE STRAPS

Item Number	Trade Size	Weight Per 100 (lbs)
PV0500B3690-1/2	1/2"	18
PV0700B3690-3/4	3/4"	21
PV1000B3690-1	1"	22
PV1200B3690-1-1/4	1-1/4"	25
PV1500B3690-1-1/2	1-1/2"	27
PV2000B3690-2	2"	29
PV2500B3690-2-1/2	2-1/2"	64
PV3000B3690-3	3"	72
PV3500B3690-3-1/2	3-1/2"	84
PV4000B3690-4	4"	138
PV5000B3690-5	5"	162



## PVC COATED EDGE CLAMPS

Item Number	Trade Size	Weight Per 100 (lbs)
PV0500ETC50HD	1/2"	74
PV0700ETC75HD	3/4"	90
PV1000ETC100HD	1"	100



## PVC COATED CLAMP BACK SPACERS

Item Number	Pipe Size	Weight Per 100 (lbs)
PV0500CB1	1/2"	10
PV0700CB2	3/4"	10
PV1000CB3	1"	10
PV1200CB4	1-1/4"	20
PV1500CB5	1-1/2"	20
PV2000CB6	2"	30
PV2500CB7	2-1/2"	100
PV3000CB8	3"	170
PV3500CB9	3-1/2"	190
PV4000CB10	4"	200



## PVC COATED 1 & 2 HOLE MALLEABLE STRAPS

1 Hole		
Item Number	Trade Size	Weight Per 100 (lbs)
PV05001S00	1/2"	110
PV07001S00	3/4"	140
PV10001S00	1"	120
PV12001S00	1-1/4"	250
PV15001S00	1-1/2"	360
PV20001S00	2"	710
PV25001S00	2-1/2"	1110
PV30001S00	3"	1340
PV35001S00	3-1/2"	1660
PV40001S00	4"	2560



2 Hole		
Item Number	Trade Size	Weight Per 100 (lbs)
PV05002S00	1/2"	200
PV07002S00	3/4"	300
PV10002S00	1"	400
PV12002S00	1-1/4"	450
PV15002S00	1-1/2"	500
PV20002S00	2"	1000
PV25002S00	2-1/2"	1300
PV30002S00	3"	1700
PV35002S00	3-1/2"	2000
PV40002S00	4"	2500



## PVC COATED NIPPLES

Item Number	Trade Size	Length	Wt./each
PV05CLCN00	1/2" X CL	1-1/8"	0.11
PV0520CN00	1/2" X 2"	2"	0.14
PV0525CN00	1/2" X 2-1/2"	2-1/2"	0.18
PV0530CN00	1/2" X 3"	3"	0.21
PV0535CN00	1/2" X 3-1/2"	3-1/2"	0.26
PV0540CN00	1/2" X 4"	4"	0.28
PV0550CN00	1/2" X 5"	5"	0.35
PV0560CN00	1/2" X 6"	6"	0.42
PV0580CN00	1/2" X 8"	8"	0.56
PV0510CN00	1/2" X 10"	10"	0.60
PV0512CN00	1/2" X 12"	12"	0.84
PV07CLCN00	3/4" X CL	1-3/8"	0.11
PV0720CN00	3/4" X 2"	2"	0.20
PV0725CN00	3/4" X 2-1/2"	2-1/2"	0.24
PV0730CN00	3/4" X 3"	3"	0.29
PV0735CN00	3/4" X 3-1/2"	3-1/2"	0.35
PV0740CN00	3/4" X 4"	4"	0.39
PV0750CN00	3/4" X 5"	5"	0.49
PV0760CN00	3/4" X 6"	6"	0.50
PV0780CN00	3/4" X 8"	8"	0.78
PV0710CN00	3/4" X 10"	10"	0.97
PV0712CN00	3/4" X 12"	12"	1.12
PV10CLCN00	1" X CL	1-1/2"	0.11
PV1020CN00	1" X 2"	2"	0.28
PV1025CN00	1" X 2-1/2"	2-1/2"	0.35
PV1030CN00	1" X 3"	3"	0.42
PV1035CN00	1" X 3-1/2"	3-1/2"	0.56
PV1040CN00	1" X 4"	4"	0.56
PV1050CN00	1" X 5"	5"	0.70
PV1060CN00	1" X 6"	6"	0.84
PV1080CN00	1" X 8"	8"	1.12
PV1010CN00	1" X 10"	10"	1.45
PV1012CN00	1" X 12"	12"	1.68
PV12CLCN00	1-1/4" X CL	1-5/8"	0.27
PV1220CN00	1-1/4" X 2"	2"	0.45
PV1225CN00	1-1/4" X 2-1/2"	2-1/2"	0.36
PV1230CN00	1-1/4" X 3"	3"	0.54
PV1235CN00	1-1/4" X 3-1/2"	3-1/2"	0.63
PV1240CN00	1-1/4" X 4"	4"	0.99
PV1250CN00	1-1/4" X 5"	5"	1.20
PV1260CN00	1-1/4" X 6"	6"	1.08
PV1280CN00	1-1/4" X 8"	8"	1.35
PV1210CN00	1-1/4" X 10"	10"	1.80
PV1212CN00	1-1/4" X 12"	12"	2.16



Item Number	Trade Size	Length	Wt./each
PV15CLCN00	1-1/2" X CL	1-3/4"	0.33
PV1520CN00	1-1/2" X 2"	2"	0.44
PV1525CN00	1-1/2" X 2-1/2"	2-1/2"	0.55
PV1530CN00	1-1/2" X 3"	3"	0.60
PV1535CN00	1-1/2" X 3-1/2"	3-1/2"	0.82
PV1540CN00	1-1/2" X 4"	4"	0.88
PV1550CN00	1-1/2" X 5"	5"	1.10
PV1560CN00	1-1/2" X 6"	6"	1.44
PV1580CN00	1-1/2" X 8"	8"	1.76
PV1510CN00	1-1/2" X 10"	10"	2.20
PV1512CN00	1-1/2" X 12"	12"	2.64
PV20CLCN00	2" X CL	2"	0.45
PV2025CN00	2" X 2-1/2"	2-1/2"	0.75
PV2030CN00	2" X 3"	3"	0.90
PV2035CN00	2" X 3-1/2"	3-1/2"	1.05
PV2040CN00	2" X 4"	4"	1.20
PV2050CN00	2" X 5"	5"	1.50
PV2060CN00	2" X 6"	6"	1.80
PV2080CN00	2" X 8"	8"	2.40
PV2010CN00	2" X 10"	10"	3.00
PV2012CN00	2" X 12"	12"	3.60
PV25CLCN00	2-1/2" X CL	2-1/2"	0.68
PV2535CN00	2-1/2" X 3-1/2"	3-1/2"	1.58
PV2540CN00	2-1/2" X 4"	4"	1.88
PV2550CN00	2-1/2" X 5"	5"	2.25
PV2560CN00	2-1/2" X 6"	6"	2.70
PV2580CN00	2-1/2" X 8"	8"	3.20
PV2510CN00	2-1/2" X 10"	10"	4.50
PV2512CN00	2-1/2" X 12"	12"	5.40
PV30CLCN00	3" X CL	2-5/8"	0.89
PV3035CN00	3" X 3-1/2"	3-1/2"	2.07
PV3040CN00	3" X 4"	4"	2.36
PV3050CN00	3" X 5"	5"	2.95
PV3060CN00	3" X 6"	6"	3.54
PV3080CN00	3" X 8"	8"	4.72
PV3010CN00	3" X 10"	10"	5.90
PV3012CN00	3" X 12"	12"	7.08

## PVC COATED NIPPLES

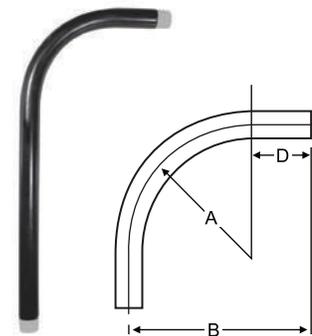
Item Number	Trade Size	Length	Wt./each
PV35CLCN00	3-1/2" X CL	2-3/4"	1.02
PV3540CN00	3-1/2" X 4"	4"	3.00
PV3550CN00	3-1/2" X 5"	5"	3.55
PV3560CN00	3-1/2" X 6"	6"	4.88
PV3580CN00	3-1/2" X 8"	8"	5.68
PV3510CN00	3-1/2" X 10"	10"	7.10
PV3512CN00	3-1/2" X 12"	12"	8.52
PV40CLCN00	4" X CL	2-3/4"	1.50
PV4040CN00	4" X 4"	4"	4.00
PV4050CN00	4" X 5"	5"	5.00
PV4060CN00	4" X 6"	6"	6.00
PV4080CN00	4" X 8"	8"	8.00
PV4010CN00	4" X 10"	10"	10.00
PV4012CN00	4" X 12"	12"	12.00
PV50CLCN00	5" X CL	3"	1.82
PV5050CN00	5" X 5"	5"	6.30
PV5060CN00	5" X 6"	6"	8.60
PV5080CN00	5" X 8"	8"	10.80
PV5010CN00	5" X 10"	10"	12.50
PV5012CN00	5" X 12"	12"	15.12



Item Number	Trade Size	Length	Wt./each
PV60CLCN00	6" X CL	3-1/8"	2.10
PV6050CN00	6" X 5"	5"	7.10
PV6060CN00	6" X 6"	6"	9.20
PV6080CN00	6" X 8"	8"	11.30
PV6010CN00	6" X 10"	10"	13.90
PV6012CN00	6" X 12"	12"	16.80

## PVC COATED RIGID YARD ELLS

Item Number	Trade Size	Weight Per 100 (lbs)	A	B	C	D	E	Aluminum Item Number
PV0590YL00	1/2" X 90°	140	4.00	18.00	6.19	2.19	14.00	PA0590YL00
PV0790YL00	3/4" X 90°	190	4.50	18.00	6.75	2.25	13.50	PA0790YL00
PV1090YL00	1" X 90°	300	5.75	18.00	8.63	2.88	12.25	PA1090YL00
PV1290YL00	1-1/4" X 90°	480	7.25	19.25	10.25	3.25	12.25	PA1290YL00
PV1590YL00	1-1/2" X 90°	630	8.25	20.50	11.63	3.38	12.25	PA1590YL00
PV2090YL00	2" X 90°	900	9.50	21.50	14.50	5.00	12.00	PA2090YL00
PV2590YL00	2-1/2" X 90°	1450	10.50	22.50	16.00	5.50	12.00	PA2590YL00
PV3090YL00	3" X 90°	2120	13.00	25.00	19.25	6.25	12.00	PA3090YL00
PV3590YL00	3-1/2" X 90°	2830	15.00	27.00	22.75	7.75	12.00	PA3590YL00
PV4090YL00	4" X 90°	3500	16.00	28.00	24.00	8.00	12.00	PA4090YL00



## TOUCH UP COMPOUNDS

Item Number	Description	Size
PV-TOUCHUP-BLACK-PT	BLACK TOUCH-UP COMPOUND WITH BRUSH TOP	1 Pint
PV-TOUCHUP-SPRAY	12" OZ SPRAY EXTERIOR BLACK TOUCH UP COMPOUND	12 oz.
PV-THREAD-COMPOUND	CONDUCTIVE COMPOUND WITH BRUSH TOP	1 Pint

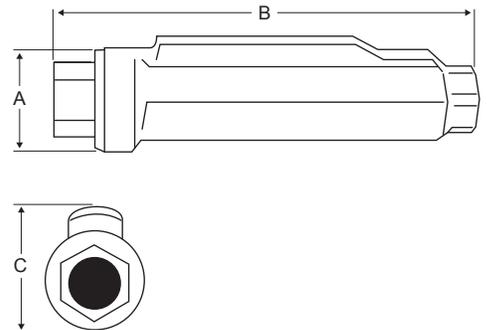


## PVC COATED XJG EXPANSION JOINTS

XJG EXPANSION JOINTS - 4" TRAVEL					
Galvanized Item Number	Trade Size	A	B	Nominal Weight (Galv)	Aluminum Item Number
PV0700XJG24	3/4"	2.20	8.25	2.9	PA0700XJG24SA
PV1000XJG34	1"	2.51	9.25	3.6	PA1000XJG34SA
PV1200XJG44	1-1/4"	3.27	10.06	3.8	PA1200XJG44SA
PV1500XJG54	1-1/2"	3.76	10.87	6.2	PA1500XJG54SA
PV2000XJG64	2"	4.83	12.25	7.3	PA2000XJG64SA
PV2500XJG74	2-1/2"	4.95	13.31	9.8	PA2500XJG74SA
PV3000XJG84	3"	5.45	14.00	13.6	PA3000XJG84SA
PV3500XJG94	3-1/2"	6.7	13.81	16.1	PA3500XJG94SA
PV4000XJG104	4"	6.7	13.81	22.5	PA4000XJG104SA



XJG EXPANSION JOINTS - 8" TRAVEL						
Galvanized Item Number	Trade Size	A	B	C	Nominal Weight (Galv)	Aluminum Item Number
PV0700XJG28	3/4"	2.20	12.25	0.78	3.0	PA0700XJG28SA
PV1000XJG38	1"	2.51	13.25	1.00	3.3	PA1000XJG38SA
PV1200XJG48	1-1/4"	3.27	14.06	1.26	4.7	PA1200XJG48SA
PV1500XJG58	1-1/2"	3.76	14.87	1.52	7.3	PA1500XJG58SA
PV2000XJG68	2"	4.83	16.25	2.00	10.7	PA2000XJG68SA
PV2500XJG78	2-1/2"	4.95	17.31	2.00	14.4	PA2500XJG78SA
PV3000XJG88	3"	5.45	18.00	2.00	15.9	PA3000XJG88SA
PV3500XJG98	3-1/2"	6.7	17.81	2.00	23.8	PA3500XJG98SA
PV4000XJG108	4"	6.7	17.81	2.00	25.7	PA8000XJG108SA



## TERMS & CONDITIONS

### General

- a. Unless verified or modified in writing and signed by both parties by persons having authority to sign the same, the following terms and conditions shall form the basis of any contract between Calpipe Industries, Inc. (hereafter called Calpipe) and the Purchaser which may result from any order placed with Calpipe.
- b. Unless otherwise noted, any quotation is valid for a period of 10 days from the above date, after which it may be subject to review.

### Orders

The placement of any orders upon Calpipe implies Purchaser's acceptance of these terms and conditions and takes precedence over any other terms and conditions written or oral.

### Delivery

Time of delivery will be complied with wherever possible. It is not guaranteed and is subject to extensions to cover delays caused by strikes, vehicle breakdown, traffic delays, weather and any causes beyond Calpipe's control. The Purchaser shall not be entitled to be compensated for any loss or damage due to any of the above causes. All goods are FOB whether or not the shipper is nominated by Purchaser.

### Passing of Title

Title of goods and materials to be supplied and or installed shall remain with Calpipe until the full purchase price has been paid. Upon default in payment, Calpipe reserves the right to enter your premises and recover such goods.

### Warranty

Calpipe warrants the equipment manufactured to specification and to be free from defects in material and workmanship for 2 years from time of shipment or 5 years if installed by a certified installer. Calpipe will repair or replace at its option any product, which it determines to contain defective material and workmanship. Our warranty does not extend to "fair wear" and "tear" or negligent use of our product. This warranty is in lieu of all other warranties expressed or implied. Calpipe shall not be liable for any special indirect, incidental or consequent damages of any kind or nature. The Purchaser acknowledges and agrees with Calpipe that:

- a. That it is satisfied that the goods are suitable for its intended purpose;
- b. That in all matters relating to the goods, the Purchaser has relied and will rely entirely upon the Purchaser's own judgment;
- c. That no warranty as to the fitness for any particular purpose will apply to this contract.
- d. That any implied warranty or condition, whether Statutory or otherwise, and whether as to the quality, state, condition or fitness for any particular purpose or as to any other matter or thing whatsoever is hereby expressly excluded from this contract.

### Good Faith

Any advice, recommendation, information, assistance or service provided by Calpipe staff in relation to goods sold or their use or application is given in good faith and is believed by Calpipe to be appropriate and reliable. The Purchaser acknowledges that such advice, recommendation, information, assistance or service are provided as an act of good faith and do not indicate any expertise peculiar to Calpipe and acknowledges that such advice, recommendation, information, assistance or service is provided without liability or responsibility on the part of Calpipe.

### Returns

No material will be accepted without prior written authorization. Undamaged items in resalable condition will only be accepted with a restocking charge of 35% of the invoiced price. In some cases, for material shipped direct to a jobsite, as specified on the quote, all items are non-returnable. All returning freight must be prepaid and all claims will be subject to our confirmation of quantities and condition of material received. No material will be accepted after 90 days, unless written authorization has been obtained at the time the original purchase order was accepted. Warranty claim for defective material is 60 days from receipt of goods at destination. Approved returns must be received at Calbond's facility within 60 days of the issue date of RMA.

## INSTALLATION TOOLS

Calbond PVC coated conduit should be installed without damage to the coating on the conduit and fittings. Damage free installation can be attained by using proper tools which have been designed specifically for PVC coated conduit and fittings. Installing Calbond PVC coated conduit using conventional tools may result in damaged coating, allowing for corrosion of the conduit system.

We recommend the installer obtain the proper tools from Calpipe Industries, Inc. or an authorized reseller of tools specially designed for PVC coated conduit and fittings.

## BENDING

Hand Bending of Calbond conduit can be done using an EMT bender one size larger than the conduit. For example, to bend ¾" Calbond conduit, use a 1" EMT hand bender.



### Ridgid Thin Wall Bender

¾" Model B-1678 Cat# 35215

1" Model B-1679 Cat# 35225

### Greenlee 555 Electric Bender

PVC coated shoe group Cat# 12586

For sizes ½" – 2"

### Greenlee 881CT Hydraulic Bender

For sizes 2 ½" – 4"



## CUTTING

For Hand Cutting use standard cutting tools, either a roller cutter or portable band saw. Be sure to use a reamer on the interior lip after cutting.

**Ridgid Hand Cutter** Model 202 Cat#32895

**Dewalt Hand Held Band Saw** DWM120K

**Ridgid Hand Reamer** Model 2 Cat# 34945



## CLAMPING

Any conventional vise, either a yoke type or chain type, can be used when clamping Calbond PVC coated conduit. Special jaw adaptors must be used for the yoke type vise and half shell clamps must be used with a chain type vise.

### Ridgid Tri-Pod Chain Type

Model 460-6 Cat# 36273

Calbond Half Shell Clamps

### Ridgid Tri-Pod Yoke Type

Model 23 Cat# 40090

Model 40-A Cat# 40130

Jaw Adaptors

Cat# 41280



## HALF SHELL CONDUIT CLAMP

Part Number	Description
PV0500HS-CLP1/2	1/2" HALF SHELL CLAMP
PV0700HS-CLP3/4	3/4" HALF SHELL CLAMP
PV1000HS-CLP1	1" HALF SHELL CLAMP
PV1200HS-CLP1-1/4	1-1/4" HALF SHELL CLAMP
PV1500HS-CLP1-1/2	1-1/2" HALF SHELL CLAMP
PV2000HS-CLP2	2" HALF SHELL CLAMP
PV2500HS-CLP2-1/2	2-1/2" HALF SHELL CLAMP
PV3000HS-CLP3	3" HALF SHELL CLAMP
PV3500HS-CLP3-1/2	3-1/2" HALF SHELL CLAMP
PV4000HS-CLP4	4" HALF SHELL CLAMP
PV5000HS-CLP5	5" HALF SHELL CLAMP
PV6000HS-CLP6	6" HALF SHELL CLAMP
PV0520HS-CLPSET	1/2-2" HALF SHELL CLAMP SET

## INSTALLATION TOOLS (cont.)

### THREADING

Threading Calbond conduit can be accomplished in several ways by a variety of tools available for rent or purchase from Calbond or an authorized reseller of tools specially designed for threading PVC coated conduit. For hand threading, Ridgid, [www.ridgid.com](http://www.ridgid.com), offers threading dies colored silver to distinguish them from the standard red colored dies. These dies are bored out to allow the throat of the die to go over the coated conduit.



#### Ridgid Model 12R Threader Set W/die heads for PVC conduit

Cat# 55207

#### Ridgid Model 700 Pony Threader

Cat# 41935

#### Ridgid Model 1224

Cat# 26092

#### Pipe Dies for PVC coated conduit

Cat# 31827

#### Jaw Set for PVC coated conduit

Cat# 26187

#### Rothenberger Collins Classic 22A

Cat# 00579

#### Jaw Set for PVC coated conduit

Cat# 20533



### TIGHTENING

Calbond offers special pipe wrenches that will not cause damage to the coating.

#### Rothenberger

##### 10" Pipe Wrench

Cat#

PV000070159C

##### 14" Pipe Wrench

PV000070160C

##### 18" Pipe Wrench

PV000070161C

##### 24" Pipe Wrench

PV000070162C



## PVC EXTERIOR COATING CHEMICAL RESISTANCE CHART

### RECOMMENDED EXPOSURE

SOLUTIONS	CONC.	TEMP.	FUMES	SPLASH	IMMERSION
Acetic Acid 10%	120	NO	NO	NO	NO
Acid Copper Plating Sol.	160	YES	YES	YES	YES
Alkaline Cleaners	160	YES	YES	YES	YES
Aluminum Chloride	Sat'd	160	YES	YES	YES
Aluminum Sulfate	Sat'd	160	YES	YES	YES
Alums	Sat'd	160	YES	YES	YES
Ammonium Chloride	Sat'd	160	YES	YES	YES
Ammonium Hydroxide 28%	120	YES	YES	YES	YES
Ammonium Hydroxide 10%	120	YES	YES	YES	YES
Ammonium Sulfate	Sat'd	160	YES	YES	YES
Ammonium Thiocyanate	Sat'd	160	YES	YES	YES
Amyl Alcohol	Any	90	YES	YES	YES
Arsenic Acids	Any	150	YES	YES	YES
Barium Sulfide	Sat'd	160	YES	YES	YES
Black Liquor	Sat'd	90	YES	YES	YES
Benzoic Acid	Sat'd	160	YES	YES	YES
Brass Plating Solution	Any	160	YES	YES	YES
Bromine Water	Sat'd	120	YES	YES	YES
Butyl Alcohol	Any	90	YES	YES	YES
Cadmium Plating Sol.	Any	150	YES	YES	YES
Cadmium Bisulfate	Any	150	YES	YES	YES
Calcium Chloride	Sat'd	160	YES	YES	YES
Calcium Hypochlorite	Sat'd	120	YES	YES	YES
Carbonic Acid	Sat'd	160	YES	YES	YES
Casein	Any	90	YES	YES	YES
Castor Oil	Any	90	YES	YES	YES
Caustic Soda	35%	120	YES	YES	YES
Caustic Soda	10%	150	YES	YES	YES
Caustic Potash	35%	120	YES	YES	YES
Caustic Potash	10%	150	YES	YES	YES
Chlorine Water	Sat'd	90	YES	YES	YES
Chromium Plating Sol.	Any	150	YES	YES	YES
Citric Acid	Sat'd	160	YES	YES	YES
Copper Chloride	Sat'd	160	YES	YES	YES
Copper Cyanide Plating Sol. (High Speed)	Any	180	YES	YES	YES
(with Alkali Cyanides)	Sat'd	160	YES	YES	YES
Copper Sulfate	Sat'd	160	YES	YES	YES
Coconut Oil	Sat'd	90	YES	YES	YES
Cottonseed Oil	Sat'd	90	YES	YES	YES
Disodium Phosphate	Sat'd	160	YES	YES	YES
Ethyl Alcohol	Any	90	YES	YES	YES
Ethylene Glycol	Any	90	YES	YES	NO
Ferric Chloride	45%	120	YES	YES	YES
Ferrous Sulfate	Sat'd	150	YES	YES	YES
Fluoboric Acid	Any	150	YES	YES	YES
Formaldehyde	37%	120	YES	YES	YES
Formic Acid	85%	100	NO	NO	NO
Gallic Acid Sat'd	150	YES	NO	NO	NO
Glucose	Any	150	YES	YES	YES
Glycerine	Any	90	YES	YES	YES
Gold Plating Solution	Any	150	YES	YES	YES
Hydrochloric Acid	10%	120	YES	YES	YES
Hydrochloric Acid	21.5%	120	YES	YES	YES
Hydrochloric Acid	37.5%	120	YES	YES	NO
Hydrochloric Acid	37.5%	90	YES	YES	NO
Hydrofluoric Acid	4%	140	YES	YES	NO
Hydrofluoric Acid	10%	120	YES	YES	NO
Hydrofluoric Acid	48%	120	YES	YES	NO
Hydrogen Peroxide	30%	120	YES	YES	YES
Hydrogen Sulfide	Sat'd	120	YES	YES	YES
Hydroquinone	Any	90	YES	YES	YES
Indium Plating Solution	Any	150	YES	YES	YES

### RECOMMENDED EXPOSURE

SOLUTIONS	CONC.	TEMP.	FUMES	SPLASH	IMMERSION
Lactic Acid 50%	120	YES	YES	YES	YES
Lactic Acid	Any	90	YES	YES	YES
Lead Plating Solution	Any	150	YES	YES	YES
Malic Acid	Any	90	YES	YES	YES
Methyl Alcohol	Any	90	YES	YES	YES
Mineral Oils	Any	90	YES	YES	YES
Nickel Acetate	Sat'd	160	YES	YES	YES
Nickel Plating Solution	Any	160	YES	YES	YES
Nickel Salts	Sat'd	160	YES	YES	YES
Nitric Acid 35%	120	YES	YES	NO	NO
Nitric Acid 40%	90	YES	YES	NO	NO
Nitric Acid 60%	120	YES	YES	NO	NO
Nitric/Hydrofluoric Acid	15%/4%	140	YES	YES	YES
Nitric Acid/Sodium Dichromate	Any	Any	Any	Any	Any
Water 16%/13%/71%	130	YES	YES	YE	YES
Oleic Acid	Any	90	YES	YES	YES
Oxalic Acid	Any	90	YES	YES	YES
Phenol	Sat'd	120	NO	NO	NO
Phosphoric Acid	75%	150	YES	YES	YES
Phosphoric Acid	85%	120	YES	YES	YES
Potassium Acid Sulfate	Sat'd	150	YES	YES	YES
Potassium Antimonate	Sat'd	150	YES	YES	YES
Potassium Bisulfite	Sat'd	90	YES	YES	YES
Potassium Chloride	Sat'd	160	YES	YES	YES
Potassium Cuprocyanide	Sat'd	150	YES	YES	YES
Potassium Cyanide	Sat'd	160	YES	YES	YES
Potassium Dichromate	Sat'd	160	YES	YES	YES
Potassium Hypochlorate	Sat'd	90	YES	YES	NO
Potassium Sulfide	Sat'd	150	YES	YES	YES
Potassium Thiosulfate	Sat'd	150	YES	YES	YES
Propyl Alcohol	Sat'd	150	YES	YES	YES
Rhodium Plating Solution	Sat'd	150	YES	YES	YES
Silver Plating Solution	Sat'd	150	YES	YES	YES
Soaps	Any	90	YES	YES	YES
Sodium Acid Sulfate	Sat'd	160	YES	YES	YES
Sodium Antimonate	Sat'd	150	YES	YES	YES
Sodium Bicarbonate	Sat'd	160	YES	YES	YES
Sodium Bisulfite	Sat'd	90	YES	YES	YES
Sodium Chloride	Sat'd	160	YES	YES	YES
Sodium Cyanide	Sat'd	160	YES	YES	YES
Sodium Dichromate	Sat'd	160	YES	YES	YES
Sodium Hydroxide	10%	150	YES	YES	NO
Sodium Hydroxide	35%	120	YES	YES	NO
Sodium Hydroxide	73%	160	NO	NO	NO
Sodium Hypochlorite	Sat'd	90	YES	YES	NO
Sodium Hypochlorite	15%	120	YES	YES	NO
Sodium Sulfide	Sat'd	150	YES	YES	YES
Sodium Thiosulfate	Sat'd	150	YES	YES	YES
Sulfuric Acid	15%	120	YES	YES	YES
Sulfuric Acid	50%	120	YES	YES	YES
Sulfuric Acid	70%	90	YES	YES	NO
Sulfuric Acid	98%	100	YES	NO	NO
Sulfurous Acid	2%	120	YES	YES	NO
Sulfurous Acid	6%	120	YES	YES	NO
Tannic Acid	Sat'd	90	YES	YES	YES
Tartaric Acid	Sat'd	90	YES	YES	YES
Tin Chloride	Sat'd	150	YES	YES	YES
Tin Plating Solution	Sat'd	150	YES	YES	YES
Triethanolamine	Sat'd	150	YES	YES	YES
Trisodium Phosphate	Sat'd	150	YES	YES	YES
White Liquor	Sat'd	90	YES	YES	YES
Zinc Plating Solution	Any	160	YES	YES	YES
Zinc Sulfate	Sat'd	160	YES	YES	YES

# URETHANE INTERIOR COATING CHEMICAL RESISTANCE CHART

## RECOMMENDED EXPOSURE

SOLUTIONS	CONC.	TEMP.	FUMES	SPLASH	IMMERSION
Acetic Acid	10%	75° F	YES	YES	NO
Acid Copper Plating Sol.	Any	75° F	YES	YES	NO
Alkaline Cleaners	Any	75° F	YES	YES	NO
Aluminum Chloride	Sat'd	75° F	YES	YES	NO
Aluminum Sulfate	Sat'd	75° F	YES	YES	NO
Alums	Sat'd	75° F	YES	YES	NO
Ammonium Chloride	Sat'd	75° F	YES	YES	NO
Ammonium Hydroxide 28%	75° F	75° F	YES	YES	NO
Ammonium Hydroxide 10%	75° F	75° F	YES	YES	NO
Ammonium Sulfate	Sat'd	75° F	YES	YES	NO
Ammonium Thiocyanate	Sat'd	75° F	YES	YES	NO
Amyl Alcohol	Sat'd	75° F	YES	YES	YES
Arsenic Acids	Any	75° F	YES	NO	NO
Barium Sulfide	Sat'd	75° F	YES	YES	NO
Black Liquor	Sat'd	75° F	YES	YES	NO
Benzoic Acid	Sat'd	75° F	YES	YES	NO
Brass Plating Solution	Sat'd	75° F	YES	YES	NO
Bromine Water	Sat'd	75° F	YES	YES	NO
Butyl Alcohol	Any	75° F	YES	NO	NO
Cadmium Plating Sol.	Any	75° F	YES	YES	NO
Cadmium Bisulfate	Any	75° F	YES	YES	NO
Calcium Chloride	Sat'd	75° F	YES	YES	NO
Calcium Hypochlorite	Sat'd	75° F	YES	YES	NO
Carbonic Acid	Sat'd	75° F	YES	YES	NO
Casein	Any	75° F	YES	YES	NO
Castor Oil	Any	75° F	YES	YES	YES
Caustic Soda	35%	75° F	YES	YES	NO
Caustic Soda	10%	75° F	YES	YES	NO
Caustic Potash	35%	75° F	YES	YES	NO
Caustic Potash	10%	75° F	YES	YES	NO
Chlorine Water	Sat'd	75° F	YES	YES	NO
Chromium Plating Sol.	Any	75° F	YES	YES	NO
Citric Acid	Sat'd	75° F	YES	YES	NO
Copper Chloride	Sat'd	75° F	YES	YES	NO
Copper Cyanide Plating Sol.	Any	75° F	YES	YES	NO
Copper Sulfate	Sat'd	75° F	YES	YES	NO
Coconut Oil	Sat'd	75° F	YES	YES	YES
Cottonseed Oil	Sat'd	75° F	YES	YES	YES
Disodium Phosphate	Sat'd	75° F	YES	YES	NO
Ethyl Alcohol	Any	75° F	YES	YES	NO
Ethylene Glycol	Any	75° F	YES	YES	YES
Ferrous Sulfate	Sat'd	75° F	YES	YES	NO
Fluoboric Acid	Any	75° F	YES	YES	NO
Formaldehyde	37%	75° F	YES	YES	NO
Formic Acid	85%	75° F	YES	YES	NO
Gallic Acid	Sat'd	75° F	YES	YES	NO
Glucose	Any	75° F	YES	YES	YES
Glycerine	Any	75° F	YES	YES	YES
Gold Plating Solution	Any	75° F	YES	YES	NO
Hydrochloric Acid	10%	75° F	YES	YES	NO
Hydrochloric Acid	21.5%	75° F	YES	YES	NO
Hydrochloric Acid	37.5%	75° F	YES	YES	NO
Hydrofluoric Acid	4%	75° F	YES	YES	NO
Hydrofluoric Acid	10%	75° F	YES	YES	NO
Hydrofluoric Acid	48%	75° F	YES	YES	NO
Hydrogen Peroxide	30%	75° F	YES	YES	NO
Hydroquinone	Any	75° F	YES	YES	NO
Indium Plating Solution	Any	75° F	YES	YES	NO
Lactic Acid	Any	75° F	YES	YES	NO
Lead Plating Solution	Any	75° F	YES	YES	NO

## RECOMMENDED EXPOSURE

SOLUTIONS	TEMP.	CONC.	FUMES	SPLASH	IMMERSION
Malic Acid	Any	75° F	YES	YES	NO
Methyl Alcohol	Any	75° F	YES	YES	NO
Mineral Oils	Any	75° F	YES	YES	YES
Nickel Acetate	Sat'd	75° F	YES	YES	NO
Nickel Plating Solution	Any	75° F	YES	YES	NO
Nickel Salts	Sat'd	75° F	YES	YES	NO
Nitric Acid	35%	75° F	YES	YES	NO
Nitric Acid	40%	75° F	YES	YES	NO
Nitric Acid	60%	75° F	YES	YES	NO
Nitric/Hydrofluoric Acid	15%/4%	75° F	YES	YES	NO
Nitric Acid/Sodium Dichromate					
Water	16%/13%/71%	75° F	YES	YES	NO
Oleic Acid	Any	75° F	YES	YES	NO
Oxalic Acid	Any	75° F	YES	YES	NO
Phenol	Sat'd	75° F	YES	YES	NO
Phosphoric Acid	75%	75° F	YES	YES	NO
Phosphoric Acid	85%	75° F	YES	YES	NO
Potassium Acid Sulfate	Sat'd	75° F	YES	YES	NO
Potassium Antimonate	Sat'd	75° F	YES	YES	NO
Potassium Bisulfite	Sat'd	75° F	YES	YES	NO
Potassium Chloride	Sat'd	75° F	YES	YES	NO
Potassium Cuprocyanide	Sat'd	75° F	YES	YES	NO
Potassium Cyanide	Sat'd	75° F	YES	YES	NO
Potassium Dichromate	Sat'd	75° F	YES	YES	NO
Potassium Hypochlorate	Sat'd	75° F	YES	YES	NO
Potassium Sulfide	Sat'd	75° F	YES	YES	NO
Potassium Thiosulfate	Sat'd	75° F	YES	YES	NO
Propyl Alcohol	Sat'd	75° F	YES	YES	NO
Rhodium Plating Solution	Sat'd	75° F	YES	YES	NO
Silver Plating Solution	Sat'd	75° F	YES	YES	NO
Soaps	Any	75° F	YES	YES	NO
Sodium Acid Sulfate	Sat'd	75° F	YES	YES	NO
Sodium Antimonate	Sat'd	75° F	YES	YES	NO
Sodium Bicarbonate	Sat'd	75° F	YES	YES	NO
Sodium Bisulfite	Sat'd	75° F	YES	YES	NO
Sodium Chloride	Sat'd	75° F	YES	YES	NO
Sodium Cyanide	Sat'd	75° F	YES	YES	NO
Sodium Dichromate	Sat'd	75° F	YES	YES	NO
Sodium Hydroxide	10%	75° F	YES	YES	NO
Sodium Hydroxide	35%	75° F	YES	YES	NO
Sodium Hydroxide	73%	75° F	YES	YES	NO
Sodium Hypochlorite	Sat'd	75° F	YES	YES	NO
Sodium Hypochlorite	15%	75° F	YES	YES	NO
Sodium Sulfide	Sat'd	75° F	YES	YES	NO
Sodium Thiosulfate	Sat'd	75° F	YES	YES	NO
Sulfuric Acid	15%	75° F	YES	YES	NO
Sulfuric Acid	50%	75° F	YES	YES	NO
Sulfuric Acid	70%	75° F	YES	YES	NO
Sulfuric Acid	98%	75° F	YES	YES	NO
Sulfurous Acid	2%	75° F	YES	YES	NO
Sulfurous Acid	4%	75° F	YES	YES	NO
Tannic Acid	Sat'd	75° F	YES	YES	NO
Tartaric Acid	Sat'd	75° F	YES	YES	NO
Tin Chloride	Sat'd	75° F	YES	YES	NO
Tin Plating Solution	Sat'd	75° F	YES	YES	NO
Triethanolamine	Sat'd	75° F	YES	YES	NO
Trisodium Phosphate	Sat'd	75° F	YES	YES	NO
White Liquor	Sat'd	75° F	YES	YES	NO
Zinc Plating Solution	Sat'd	75° F	YES	YES	NO
Zinc Sulfate	Sat'd	75° F	YES	YES	NO

## CALBOND PRODUCT SPECIFICATIONS

- A. The conduit shall be hot dipped galvanized inside and out with galvanized threads.
- B. The galvanized rigid conduit must be UL6 with both the PVC and underlying zinc listed as primary protection against corrosion without exception.
- C. The PVC coating on the conduit shall conform in all respects to the NEMA RN-1 standard.
- D. All fittings shall be UL® listed prior to coating.
- E. All fittings shall be supplied with stainless steel screws equipped with PVC encapsulated heads.
- F. All conduit and fittings shall have a 2 mil (.020") thick urethane coating on their interior surfaces. The bond of the interior coating shall be tested using the tape test method (ASTM D3359) and will show no trace of paint after an acetone wipe using test method (ASTM D1308).
- G. All male threads of elbows, nipples and factory offsets will be galvanized.
- H. All female threads will be protected by a urethane coating.
- I. All female threads will have a PVC flexible sleeve extending from them to facilitate complete coverage of the installed conduit. The length of the sleeve will be one pipe diameter but no more than 2".
- J. All conduit clamps will be oversized to fit the PVC coated conduit or will be made of stainless steel.
- K. The following test methods shall be used in evaluating Calbond conduit and fittings:
  - 1. ASTM D149 - 09 Standard test method for dielectric breakdown voltage and dielectric strength of solid electrical insulating materials at commercial power frequencies.
  - 2. ASTM D1735 - 08 Standard practice for testing water resistance of coatings using water fog apparatus.
  - 3. ASTM D2247 - 11 Standard practice for testing water resistance of coatings 100% relative humidity.
  - 4. ASTM D2240 - 05(2010) Standard test method for rubber property - durometer hardness.
  - 5. ASTM D1308 - 02(2007) Standard test method for effect of household chemicals on clear and pigmented organic finishes.
  - 6. ASTM D638 - 10 Standard test method for tensile properties of plastics.
  - 7. ASTM D746 -07 Standard test method for brittleness temperature of plastics and elastomers by impact.
  - 8. ASTM D1151 - 00(2006) Standard practice for effect of moisture and temperature on adhesive bonds.
  - 9. ASTM D870 - 09 Standard practice for testing water resistance of coatings using water immersion.
  - 10. ASTM G152 - 06 Standard practice for operating open flame carbon arc light apparatus for exposure of non-metallic materials.

## CALBOND PRODUCT SPECIFICATIONS (cont.)

11. ASTM G153 - 04(2010) Standard practice for operating enclosed carbon arc light apparatus for exposure of non-metallic materials.
12. ASTM D3359 - 09e2 Standard test methods for measuring adhesion by tape test.
13. ASTM D4585 - 07 Standard practice for testing water resistance of coatings using controlled condensation.
14. ASTM B571 - 97(2008)e1 Standard practice for qualitative adhesion testings of metallic coatings.

## FAQs

### 1. What are the applicable standards for PVC coated rigid steel conduit?

Three standards govern the design and performance of PVC-coated rigid steel conduit:

- American National Standards Institute (ANSI) C80.1
- Underwriters Laboratories UL6
- National Electrical Manufacturers Association (NEMA) RN-1

All three of these standards conform to the appropriate American Society for Testing and Materials (ASTM) standards and test methods.

### 2. What are the steps in determining the effectiveness of corrosion protection on products?

The first step requires an evaluation of the zinc-galvanized coating beneath the PVC coating and on threaded surfaces. The second step is to evaluate the adhesion of the PVC coating to the zinc.

### 3. Why is the effectiveness of corrosion protection on PVC coated conduit systems important?

In cases where the PVC protection is accidentally breached, due to cuts, scrapes, or other damage, it is important to have a second line of defense - a zinc or "galvanized" coating. This zinc coating will significantly slow the corrosion and allow more time for repairs.

### 4. What are the consequences of not having a proper coating of zinc coating?

Conduit systems without adequate zinc protection underneath the PVC coating are more likely to suffer catastrophic corrosion damage. This is why NEMA RN-1, section 3.1.1 requires the proper and correct treatment of galvanized conduit before it is PVC coated. The standard says, "The surface shall be cleaned in such a manner that the galvanized surface of the conduit is not harmed or eroded."

### 5. What tests are required to ensure compliance to NEMA RN-1, section 3.1.1?

The Preece test, which follows procedures set forth by ASTM A239, is the test recognized by UL 6, NEMA RN-1 and ANSI C80.1 to assess the adequacy of zinc protection for rigid steel conduit.

### 6. What is the Preece test?

The test is done to evaluate the zinc coating on galvanized rigid conduit to ensure adequate protection from corrosion per UL 6.2.2 by subjecting the coated product to four 60-second immersions in a copper sulfate solution. The test also determines if the surface of the conduit has been damaged as a result of the preparation for PVC coating.

### 7. If the PVC coating is UL® Listed as the primary corrosion protection, does that mean the conduit complies with NEMA RN-1?

No, if the zinc coating is not adequate, the conduit will not comply with NEMA RN-1.

### 8. Does Calbond offer this level of protection?

Yes. Calbond FULLY complies with NEMA RN-1, in all respects.

### 9. Do Calbond Fittings comply with the NEMA 4X standard?

Yes. Calbond Form 8 & Form 7 fittings comply with the NEMA 4X standard. In addition, Calbond GUA boxes comply with the NEMA 4X explosion proof standards.

### 10. What color is the interior urethane coating on Calbond PVC Coated Conduit Systems?

Calbond PVC Coated Conduit Systems feature a 2mil light gray urethane interior coating.

### 11. Where is Calbond manufactured?

Calbond is manufactured in the industry's newest, and state of the art, PVC coating factory located in Santa Paula, California.

## FAQs (cont.)

### **12. Will you ship direct to the jobsite?**

Yes we will. For convenience to our customers and their projects, we will ship our products wherever needed as soon as possible.

### **13. Can contractors or end-users buy direct from Calbond?**

Calbond sells only to authorized electrical distributors. We will gladly assist you in locating a distributor in your area.

### **14. Who should I contact for pricing and general information?**

Calbond has a national network of sales representatives serving customers across the USA. Feel free contact the sales representative closest to your location anytime. [calbond.com/map/rep.html](http://calbond.com/map/rep.html)

### **15. What type of threads are used on your PVC Coated conduit?**

Calbond's PVC Coated conduit threads are manufactured with standard NPT conduit threads and fully comply with UL6 specifications.

### **16. Is a coupling included with your conduit?**

Yes. One PVC coated coupling with flexible overlapping sleeves is included with each length.

### **17. Do you offer elbows other than standard 90° & 45°?**

Yes. Degree of bends available: 11-1/4°, 15°, 22-1/2°, 30°, 45°, 90° Large radius PVC coated elbows are also available upon request in 24", 36", 48" and 60"?

### **18. Is the GRC conduit used to make Calbond PVC Coated GRC, hot dipped galvanized?**

Calbond PVC Coated GRC is produced using Galvanized Rigid Conduit GRC that meets UL6 standards. It is hot-dipped galvanized inside and outside, ensuring metal-to-metal contact and galvanic protection against corrosion.

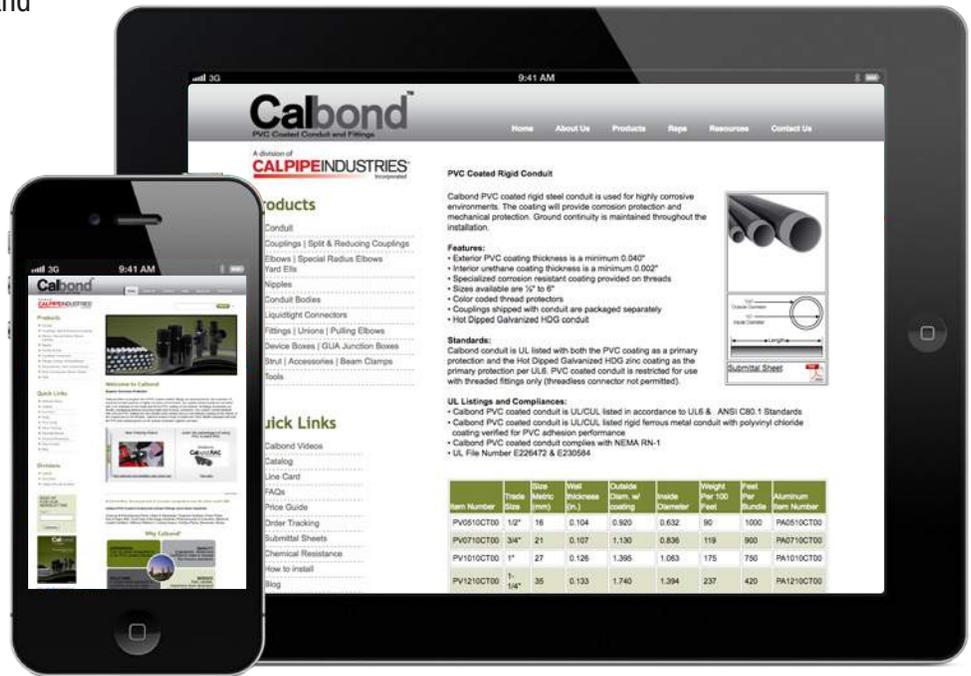
### **19. What is the standard for Aluminum PVC Coated Conduit?**

UL6A, Calpipe Industries UL® File Number is E230584.

## ADDITIONAL RESOURCES

### VISIT CALBOND.COM:

- Quick and easy access to online catalog and brochures
- Educational resources and latest news
- Product videos
- Submittal sheets
- Price guide
- Rep locator
- Mobile friendly



## ENVIRONMENTAL SUSTAINABILITY THE CALPIPE COMMITMENT

- Steel is the most recycled material in North America
- One ton of recycled steel saves 2,500 pounds of iron ore, 1,400 pounds of coal and 120 pounds of limestone
- Calbond manufacturing facilities comply with all local, state, and federal regulations and we have invested in state of the art technology to assure that our manufacturing process is both sustainable and environmentally friendly





## Course Overview

The Calbond Certified Installer Program provides the proper procedures and proven techniques to ensure a quality corrosion resistant conduit system. With proper installation, one can expect a long lasting, superior corrosion resistant conduit system that requires little to no maintenance.

## Course Content

### Standards Review

- ▶ Review of the industry standards applicable to PVC coated conduit systems.

### Field Installation Topics

- ▶ Cutting
  - Highlight the various tools and techniques for cutting and preparing coated conduit for threading and bending in field setting.
- ▶ Clamping
  - Demonstrate proper use of recommended clamping devices and additional tools required to ensure integrity of PVC coating over UL galvanized rigid conduit GRC.
- ▶ Threading
  - List the appropriate threading tools and machinery for each trade size of coated conduit.
- ▶ Bending
  - Proper bending techniques for custom field bending on coated conduit.
- ▶ Repair
  - Recommended procedures for repairing areas of damaged coating on PVC coated conduit systems. Properly repaired coating is essential for a long lasting corrosion resistant system.
- ▶ Certification Process
  - Written examination.

### Class Curriculum

- ▶ 30 minutes - Plant Operations Tour
- ▶ 1 hour - Classroom Instruction: Understanding Corrosion and its Consequences and Prevention
- ▶ 2 hours - Training Center - Hands-on Training
- ▶ 1 hour - Classroom Instruction - Standards, Installation Tools
- ▶ 30 minutes - Written Test Administered
- ▶ Closing - Presentation of Course Completion Materials

**65% Practical 35% Theory**

### Qualification

- Calbond Certified Installer

### Who should attend

- Installers and electricians who install Calbond PVC Coated Conduit Systems

### Benefits of attending the course

- Quality installation by trained professionals
- Meet industry specifications requiring certified installers of PVC coated conduit systems
- Lower Cost of Ownership
- Extends product warranty from 2 years to 5 years

### Course objectives

- To have a full understanding for current applicable specifications along with the skills and expertise to install Calbond PVC Coated Conduit Systems

### Prerequisites

- Suggested 2 years experience installing PVC coated conduit systems

### Course locations

- Rancho Dominguez, CA
- Hobart, IN

\* On-Site Training requires minimum of 5 participants. Pre-registration and a \$100/per attendee fee that will be applied to next purchase of Calbond.

**Register @ [Calbond.com/register](http://Calbond.com/register)**

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