

PG and ISO Metric Thread Liquidtight Insulated Connectors

For Liquidtight Flexible Metal Conduit

Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements. The ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Insulated throat protects against wire damage.
- Liquidtight/raintight/oiltight.
- Suitable for wet locations.
- Full, machined metric threads.
- Compact design with small turning radius.

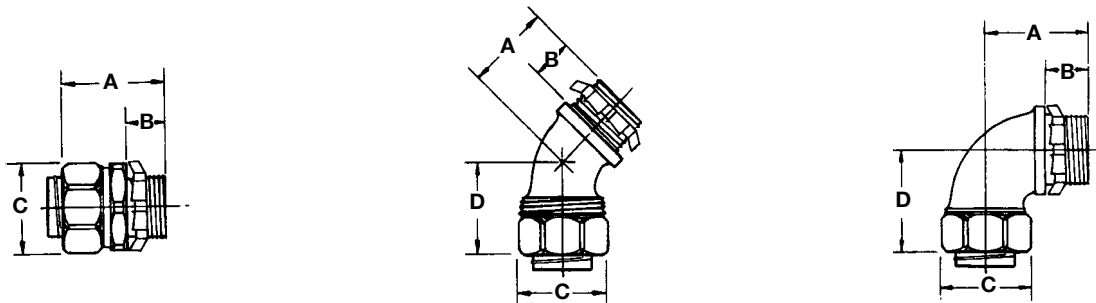
Standard Material/Finish

- 3/8" thru 1" straight: steel
- 1-1/4" thru 2" straight and 3/8" thru 2" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 2" ferrule: aluminum
- Insulators: nylon
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 65178
- PG Metric Thread — German Industry Std. DIN 40430
- ISO Metric Thread — British Standard BS3643 Part 2

Dimensions






PG Metric Thread Liquidtight Insulated Connectors




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Commercial Products

COMMERCIAL PRODUCTS: LIQUIDTIGHT CONDUIT FITTINGS

	Catalog Number	Flexible Conduit Size (Inches)	Dimensions in Inches/Millimeters				Metric Thread	Weight Lbs./Kgs. Per 100
			A	B	C	D		
PG Metric Thread – Straight – Blue Insulators								
	PG 3811-STB	3/8	1.44/36.6	0.63/16.0	1.13/28.7	—	11	15.00/6.80
	PG 3813-STB	3/8	1.44/36.6	0.63/16.0	1.13/28.7	—	13.5	15.00/6.80
	PG 50-STB	1/2	1.44/36.6	0.63/16.0	1.25/31.8	—	16	15.80/7.17
	PG 75-STB	3/4	1.50/38.1	0.63/16.0	1.50/38.1	—	21	23.50/10.66
	PG 100-STB	1	1.63/41.4	0.75/19.1	1.81/45.9	—	29	34.00/15.42
	PG 125-STB	1-1/4	2.00/50.8	0.63/16.0	2.31/58.7	—	36	84.00/38.10
	PG 150-STB	1-1/2	2.25/57.2	0.63/16.0	2.63/66.8	—	42	122.50/55.57
	PG 200-STB	2	2.50/63.5	0.69/17.5	3.19/81.0	—	48	150.00/68.04
45°								
	PG45 3811-STB	3/8	0.88/22.4	0.63/16.0	1.13/28.7	1.13/28.7	11	23.00/10.43
	PG45 3813-STB	3/8	0.88/22.4	0.63/16.0	1.13/28.7	1.13/28.7	13.5	23.00/10.43
	PG45 50-STB	1/2	0.88/22.4	0.63/16.0	1.25/31.8	1.13/28.7	16	24.00/10.89
	PG45 75-STB	3/4	1.13/28.7	0.63/16.0	1.50/38.1	1.25/31.8	21	39.00/17.69
	PG45 100-STB	1	1.38/35.1	0.75/19.1	1.81/45.9	1.81/45.9	29	62.00/28.12
	PG45 125-STB	1-1/4	1.63/41.4	0.63/16.0	2.31/58.7	1.81/45.9	36	114.00/51.71
	PG45 150-STB	1-1/2	1.81/45.9	0.63/16.0	2.63/66.8	2.13/54.1	42	157.00/71.21
	PG45 200-STB	2	2.00/50.8	0.69/17.5	3.19/81.0	2.38/60.5	48	270.00/122.47
90°								
	PG90 3811-STB	3/8	1.25/31.8	0.63/16.0	1.13/28.7	1.50/38.1	11	23.00/10.43
	PG90 3813-STB	3/8	1.25/31.8	0.63/16.0	1.13/28.7	1.50/38.1	13.5	23.00/10.43
	PG90 50-STB	1/2	1.25/31.8	0.63/16.0	1.25/31.8	1.50/38.1	16	24.00/10.89
	PG90 75-STB	3/4	1.44/36.6	0.63/16.0	1.50/38.1	1.56/39.6	21	39.00/17.69
	PG90 100-STB	1	1.38/35.1	0.75/19.1	1.81/45.9	1.88/47.8	29	62.00/28.12
	PG90 125-STB	1-1/4	1.81/45.9	0.63/16.0	2.31/58.7	2.38/60.5	36	114.00/51.71
	PG90 150-STB	1-1/2	2.44/61.9	0.63/16.0	2.63/66.8	3.19/81.0	42	157.00/71.21
	PG90 200-STB	2	2.63/66.8	0.69/17.5	3.19/81.0	3.56/90.4	48	270.00/122.47

ISO Metric Thread Liquidtight Insulated Connectors

	Catalog Number	Flexible Conduit Size (Inches)	Dimensions in Inches/Millimeters				Metric Thread	WeightLbs./Kgs. Per 100
			A	B	C	D		
ISO Metric Thread – Straight – Green Insulators								
	ISO 3816-STB	3/8	1.44/36.6	0.63/16.0	1.13/28.7	—	16	14.00/6.35
	ISO 5020-STB	1/2	1.44/36.6	0.63/16.0	1.25/31.8	—	20	15.00/6.80
	ISO 7525-STB	3/4	1.50/38.1	0.63/16.0	1.50/38.1	—	25	22.00/9.98
	ISO 10032-STB	1	1.63/41.4	0.75/19.1	1.81/45.9	—	32	33.00/14.97
45°								
	ISO45 3816-STB	3/8	0.88/22.4	0.63/16.0	1.13/28.7	1.13/28.7	16	17.00/7.71
	ISO45 5020-STB	1/2	0.88/22.4	0.63/16.0	1.13/28.7	1.13/28.7	20	18.00/8.16
	ISO45 7525-STB	3/4	0.88/22.4	0.63/16.0	1.25/31.8	1.13/28.7	25	37.00/16.78
	ISO45 10032-STB	1	1.13/28.7	0.63/16.0	1.50/38.1	1.25/31.8	32	47.00/21.32
90°								
	ISO90 3816-STB	3/8	1.38/35.1	0.75/19.1	1.81/45.9	1.88/47.8	16	22.00/9.98
	ISO90 5020-STB	1/2	1.81/45.9	0.63/16.0	2.31/58.7	2.38/60.5	20	23.00/10.43
	ISO90 7525-STB	3/4	2.44/61.9	0.63/16.0	2.63/66.8	3.19/81.0	25	47.00/21.32
	ISO90 10032-STB	1	2.63/66.8	0.69/17.5	3.19/81.0	3.56/90.4	32	56.00/25.40

Commercial Products

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