

Cable Glands



High Quality Cable Strain Relief and Sealing

Cable Glands

Alpha Wire's cable glands provide premium cable strain relief and protection against environmental factors such as flames and dust for a wide range of industries including renewable energy, industrial automation, and electrical equipment.

Our broad offering includes a full range of easily installed standard dome glands, flexible spiral glands, and sealing hole plugs. All products are available in NPT, metric, and PG thread sizes. Cable glands are dust-, dirt-, sand-resistant, and watertight in accordance with IP68. Glands are packaged with an accompanying locknut and a gasket, providing you with a complete strain relief solution. Cable glands are the latest addition to our FIT Wire Management family of products. All items are in stock and ready for immediate delivery.



Plastic Glands Specifications

Temperature Rating

- -20°C to +100°C (Permanent)
- -30°C to +150°C (Intermittent)

Materials

- Polyamide 6 (Body)
- Chloroprene rubber (O-ring/seal)

Color

- Slate, RAL 7001
- Black

Protection Class

- IP68 (5 bar, 30 min)
- IP66

Flammability

- V2 (According to UL94)

Thread Type

- NPT, metric, or PG

Approvals

- CSA C22.2
- UL 514 (except Hole Plugs)
- RoHS



Brass Cable Glands Specifications

Temperature Rating

- -20°C to +100°C (Permanent)
- -40°C to +150°C (Intermittent)

Materials

- Brass, nickel plated (Body & cap)
- Chloroprene rubber (Seal)
- NBR (O-ring)

Protection Class

- IP68 (5 bar, 30 min)
- IP66

Flammability

- V2 (According to UL94)

Thread Type

- NPT, metric, or PG

Approvals

- CSA C22.2
- UL 514
- RoHS

Plastic Glands

Specifications

Type	Part No.	Size	Clamping Range		Thread Length		Thread Ø		Color	Packaging Unit
			mm	inch	mm	inch	mm	inch		
Standard Threaded Glands – Includes Locknut and Gasket High-quality strain relief and sealing for standard industrial applications Easy assembly: Simply install cable gland, insert cable, tighten cap										
NPT	PNC3/8	NPT-3/8"	5 - 10	0.197 - 0.394	15	0.591	17.14	0.675	Slate/Black	10
	PNC1/2	NPT-1/2"	6 - 12	0.236 - 0.472	15	0.591	21.34	0.840	Slate/Black	10
	PNC1/2W	NPT-1/2"	10 - 14	0.394 - 0.551	15	0.591	21.34	0.840	Slate/Black	10
	PNC3/4	NPT-3/4"	13 - 18	0.512 - 0.709	15	0.591	26.67	1.050	Slate/Black	10
	PNC1	NPT-1"	18 - 25	0.709 - 0.984	18	0.709	33.40	1.315	Slate/Black	10
Metric	PMC12	M-12x1.5	3 - 6.5	0.118 - 0.256	8	0.310	12	0.470	Slate/Black	10
	PMC16	M-16x1.5	5 - 10	0.197 - 0.394	10	0.310	16	0.630	Slate/Black	10
	PMC20	M-20x1.5	6 - 12	0.236 - 0.472	10	0.390	20	0.790	Slate/Black	10
	PMC25	M-25x1.5	11 - 17	0.433 - 0.669	8	0.310	25	0.980	Slate/Black	10
	PMC32	M-32x1.5	15 - 21	0.591 - 0.827	10	0.390	32	1.260	Slate/Black	10
	PMC40	M-40x1.5	19 - 28	0.748 - 1.102	10	0.390	40	1.570	Slate/Black	10
PG	PPC7	PG 7	3 - 6.5	0.118 - 0.256	8	0.310	12.5	0.490	Slate/Black	10
	PPC9	PG 9	4 - 8	0.157 - 0.315	8	0.310	15.2	0.600	Slate/Black	10
	PPC11	PG 11	5 - 10	0.197 - 0.394	8	0.310	18.6	0.730	Slate/Black	10
	PPC13	PG 13.5	6 - 12	0.236 - 0.472	10	0.390	20.4	0.800	Slate/Black	10
	PPC16	PG 16	10 - 14	0.396 - 0.551	10	0.390	22.5	0.890	Slate/Black	10
	PPC21	PG 21	13 - 18	0.511 - 0.708	11	0.430	28.3	1.114	Slate/Black	10
	PPC29	PG 29	18 - 25	0.708 - 0.984	11	0.430	37	1.460	Slate/Black	10
Flexible Cable Protection Glands – Includes Locknut and Gasket Spiral design for industrial applications needing high-quality strain relief with enhanced cable bending protection										
NPT	PNS1/2	NPT-3/8"	5 - 10	0.197 - 0.394	15	0.591	17.14	0.673	Slate/Black	10
	PNS1/2	NPT-1/2"	6 - 12	0.236 - 0.472	15	0.591	21.34	0.839	Slate/Black	10
	PNS3/4	NPT-3/4"	13 - 18	0.512 - 0.709	15	0.591	26.67	1.051	Slate/Black	10
Metric	PMS12	M-12x1.5	3 - 6.5	0.118 - 0.256	8	0.31	12	0.470	Slate/Black	10
	PMS16	M-16x1.5	5 - 10	0.197 - 0.394	10	0.39	20.00	0.623	Slate/Black	10
	PMS20	M-20x1.5	10 - 14	0.396 - 0.511	10	0.39	25	0.790	Slate/Black	10
	PMS25	M-25x1.5	13 - 18	0.511 - 0.708	10	0.39	25	0.980	Slate/Black	10
PG	PPS7	PG 7	3 - 6.5	0.118 - 0.256	8	0.31	12.5	0.490	Slate/Black	10
	PPS9	PG 9	4 - 8	0.157 - 0.315	8	0.31	15.2	0.600	Slate/Black	10
	PPS11	PG 11	5 - 10	0.197 - 0.394	8	0.31	18.6	0.730	Slate/Black	10
	PPS13	PG 13.5	6 - 12	0.236 - 0.472	10	0.39	20.4	0.800	Slate/Black	10
	PPS16	PG 16	10 - 14	0.396 - 0.551	10	0.39	22.5	0.890	Slate/Black	10

Plastic Glands

Specifications Continued

Type	Part No.	Size	Clamping Range		Thread Length		Thread Ø		Color	Packaging Unit
			mm	inch	mm	inch	mm	inch		
Hole Plugs – For Sealing of Housing When No Cable Gland Is Used										
For standard industrial applications; can be fastened with screwdriver										
Metric	HPM12	M-12x1.5	–	–	6	0.24	12.00	0.470	Slate/Black	10
	HPM16	M-16x1.5	–	–	6	0.24	16.00	0.630	Slate/Black	10
	HPM20	M-20x1.5	–	–	6	0.24	20.00	0.790	Slate/Black	10
	HPM25	M-25x1.5	–	–	10	0.39	25.00	0.980	Slate/Black	10
	HPM32	M-32x1.5	–	–	8	0.31	32.00	1.260	Slate/Black	10
PG	HPP7	PG 7	–	–	6	0.24	12.5	0.490	Slate/Black	10
	HPP9	PG 9	–	–	6	0.24	15.2	0.600	Slate/Black	10
	HPP11	PG 11	–	–	6	0.24	18.6	0.730	Slate/Black	10
	HPP13	PG 13.5	–	–	6	0.24	20.4	0.800	Slate/Black	10
	HPP16	PG 16	–	–	6	0.24	22.5	0.890	Slate/Black	10
	HPP21	PG 21	–	–	8	0.31	28.3	1.110	Slate/Black	10
	HPP29	PG 29	–	–	8	0.31	37.00	1.460	Slate/Black	10

Brass Cable Glands

Specifications

Type	Part No.	Size	Clamping Range		Thread Length		Thread Ø		Packaging Unit
			mm	inch	mm	inch	mm	inch	
NPT	MNPT3/8	NPT-3/8"	4 - 8	0.157 - 0.315	11.5	0.453	17.14	0.673	10
	MNPT1/2	NPT-1/2"	6 - 12	0.236 - 0.472	13	0.512	21.34	0.840	10
	MNPT3/4	NPT-3/4"	13 - 18	0.512 - 0.709	13	0.512	26.67	1.050	10
	MNPT1	NPT-1"	18 - 25	0.709-0.984	13	1.315	33.40	1.315	10
Metric	MES12	M-12x1.5	3 - 6.5	0.118 - 0.256	6	0.236	12	0.470	10
	MES16	M-16x1.5	5 - 10	0.197 - 0.394	7	0.276	16	0.630	10
	MES20	M-20x1.5	6 - 12	0.236 - 0.472	8	0.315	20	0.790	10
	MES25	M-25x1.5	11 - 17	0.433 - 0.669	8	0.315	25	0.980	10
	MES32	M-32x1.5	15 - 21	0.591 - 0.827	8	0.315	32	1.260	10
	MES40	M-40x1.5	19-28	0.748-1.102	9	0.354	40	1.575	10
PG	MPG7	PG 7	3 - 6.5	0.118 - 0.256	6	0.236	12.5	0.490	10
	MPG9	PG 9	4 - 8	0.157 - 0.315	6	0.236	15.2	0.600	10
	MPG11	PG 11	5 - 10	0.197 - 0.394	6	0.236	18.6	0.730	10
	MPG13	PG 13.5	6 - 12	0.236 - 0.472	6.5	0.256	20.4	0.800	10
	MPG16	PG 16	10 - 14	0.396 - 0.551	6.5	0.256	22.5	0.890	10
	MPG21	PG 21	13 - 18	0.511 - 0.708	7.2	0.283	28.3	1.114	10
	MPG29	PG 29	18 - 25	0.708 - 0.984	8	0.315	37	1.460	10

The cables you trust. The service you deserve.

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