

Cable Gland

High-Quality Cable Strain Relief and Sealing



AlphaWire

Cables you trust. Service you deserve.



Alpha Wire's cable glands are a great solution for providing 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.

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

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



- Optimum strain relief for static and flex applications
- High-strength polyamide body composition
- Large clamping range
- IP68 up to 5 bar rating

- Robust rubber seals to protect against dripping water and water pressure
- Up to +150°C temperature rating
- UL, CSA, RoHS rated

Alpha Wire

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Part No.	Size	Clamping Range		Thread Length		Thread Ø		Color	Packing 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	10
	PNC1/2	NPT-1/2"	6 - 12	0.236 - 0.472	15	0.591	21.34	0.840	Slate	10
	PNC1/2W	NPT-1/2"	9 - 16	0.354 - 0.630	11	0.433	21.34	0.840	Slate	10
	PNC3/4	NPT-3/4"	13 - 18	0.512 - 0.709	15	0.591	26.67	1.050	Slate	10
	PNC1	NPT-1"	18 - 25	0.709 - 0.984	18	0.709	33.40	1.315	Slate	10
Metric	PMC12	M-12x1.5	3 - 6.5	0.118 - 0.256	8	0.31	12	0.47	Slate	10
	PMC16	M-16x1.5	5 - 10	0.157 - 0.315	8	0.39	16	0.63	Slate	10
	PMC20	M-20x1.5	6 - 12	0.236 - 0.472	10	0.39	20	0.79	Slate	10
	PMC25	M-25x1.5	11 - 17	0.433 - 0.669	8	0.31	25	0.98	Slate	10
	PMC32	M-32x1.5	15 - 21	0.591 - 0.827	10	0.39	32	1.26	Slate	10
	PMC40	M-40x1.5	19 - 28	0.748 - 1.102	10	0.39	40	1.57	Slate	10
PG	PPC7	PG 7	3 - 6.5	0.118 - 0.256	8	0.31	12.5	0.49	Slate	10
	PPC9	PG 9	4 - 8	0.157 - 0.315	8	0.31	15.2	0.60	Slate	10
	PPC11	PG 11	5 - 10	0.197 - 0.394	8	0.31	18.6	0.73	Slate	10
	PPC13	PG 13.5	6 - 12	0.236 - 0.472	10	0.39	20.4	0.80	Slate	10
	PPC16	PG 16	10 - 14	0.396 - 0.551	10	0.39	22.5	0.89	Slate	10
	PPC21	PG 21	13 - 18	0.511 - 0.708	11	0.43	37	1.46	Slate	10
	PPC29	PG 29	18 - 25	0.708 - 0.984	11	0.43	37	1.46	Slate	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	PNS3/8	NPT-3/8"	5 - 10	0.197 - 0.394	15	0.591	17.14	0.673	Slate	10
	PNS1/2	NPT-1/2"	6 - 12	0.236 - 0.472	15	0.591	21.34	0.839	Slate	10
	PNS3/4	NPT-3/4"	13 - 18	0.512 - 0.709	15	0.591	26.67	1.051	Slate	10
Metric	PMS12	M-12x1.5	3 - 6.5	0.118 - 0.256	8	0.31	12.00	0.47	Slate	10
	PMS16	M-16x1.5	5 - 10	0.197 - 0.394	10	0.39	20.00	0.79	Slate	10
	PMS20	M-20x1.5	10 - 14	0.396 - 0.511	10	0.39	20.00	0.79	Slate	10
	PMS25	M-25x1.5	13 - 18	0.511 - 0.708	10	0.39	25.00	0.98	Slate	10
PG	PPS7	PG 7	3 - 6.5	0.118 - 0.256	8	0.31	12.5	0.49	Slate	10
	PPS9	PG 9	4 - 8	0.157 - 0.315	8	0.31	15.2	0.60	Slate	10
	PPS11	PG 11	5 - 10	0.197 - 0.394	8	0.31	18.6	0.73	Slate	10
	PPS13	PG 13.5	6 - 12	0.236 - 0.472	10	0.39	20.4	0.80	Slate	10
	PPS16	PG 16	10 - 14	0.396 - 0.551	10	0.39	22.5	0.89	Slate	10

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	0.47	Slate	10
	HPM16	M-16x1.5	-	-	7	0.28	16.00	0.63	Slate	10
	HPM20	M-20x1.5	-	-	7	0.28	20.00	0.79	Slate	10
	HPM25	M-25x1.5	-	-	10	0.39	25.00	0.98	Slate	10
	HPM32	M-32x1.5	-	-	8	0.31	32.00	1.26	Slate	10
PG	HPP7	PG 7	-	-	6	0.24	12.5	0.49	Slate	10
	HPP9	PG 9	-	-	6	0.24	15.2	0.60	Slate	10
	HPP11	PG 11	-	-	6	0.24	18.6	0.73	Slate	10
	HPP13	PG 13.5	-	-	6	0.24	20.4	0.80	Slate	10
	HPP16	PG 16	-	-	6	0.24	22.5	0.89	Slate	10
	HPP21	PG 21	-	-	8	0.31	28.3	1.11	Slate	10
	HPP29	PG 29	-	-	8	0.31	37.00	1.46	Slate	10

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