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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 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.

## 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
- 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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# Plastic Glands: Specifications



	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/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"	9 - 16	0.354 - 0.630	11	0.433	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	0.31	12	0.47	Slate/Black	10
	PMC16	M-16x1.5	5 - 10	0.197 - 0.394	8	0.39	16	0.63	Slate/Black	10
	PMC20	M-20x1.5	6 - 12	0.236 - 0.472	10	0.39	20	0.79	Slate/Black	10
	PMC25	M-25x1.5	11 - 17	0.433 - 0.669	8	0.31	25	0.98	Slate/Black	10
	PMC32	M-32x1.5	15 - 21	0.591 - 0.827	10	0.39	32	1.26	Slate/Black	10
PG	PPC7	PG 7	3 - 6.5	0.118 - 0.256	8	0.31	12.5	0.49	Slate/Black	10
	PPC9	PG 9	4 - 8	0.157 - 0.315	8	0.31	15.2	0.60	Slate/Black	10
	PPC11	PG 11	5 - 10	0.197 - 0.394	8	0.31	18.6	0.73	Slate/Black	10
	PPC13	PG 13.5	6 - 12	0.236 - 0.472	10	0.39	20.4	0.80	Slate/Black	10
	PPC16	PG 16	10 - 14	0.396 - 0.551	10	0.39	22.5	0.89	Slate/Black	10
	PPC21	PG 21	13 - 18	0.511 - 0.708	11	0.43	37	1.46	Slate/Black	10
PPC29	PG 29	18 - 25	0.708 - 0.984	11	0.43	37	1.46	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	PNS3/8	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	12.00	0.47	Slate/Black	10
	PMS16	M-16x1.5	5 - 10	0.197 - 0.394	10	0.39	20.00	0.79	Slate/Black	10
	PMS20	M-20x1.5	10 - 14	0.396 - 0.511	10	0.39	20.00	0.79	Slate/Black	10
	PMS25	M-25x1.5	13 - 18	0.511 - 0.708	10	0.39	25.00	0.98	Slate/Black	10
PG	PPS7	PG 7	3 - 6.5	0.118 - 0.256	8	0.31	12.5	0.49	Slate/Black	10
	PPS9	PG 9	4 - 8	0.157 - 0.315	8	0.31	15.2	0.60	Slate/Black	10
	PPS11	PG 11	5 - 10	0.197 - 0.394	8	0.31	18.6	0.73	Slate/Black	10
	PPS13	PG 13.5	6 - 12	0.236 - 0.472	10	0.39	20.4	0.80	Slate/Black	10
	PPS16	PG 16	10 - 14	0.396 - 0.551	10	0.39	22.5	0.89	Slate/Black	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/Black	10
	HPM16	M-16x1.5	-	-	7	0.28	16.00	0.63	Slate/Black	10
	HPM20	M-20x1.5	-	-	7	0.28	20.00	0.79	Slate/Black	10
	HPM25	M-25x1.5	-	-	10	0.39	25.00	0.98	Slate/Black	10
	HPM32	M-32x1.5	-	-	8	0.31	32.00	1.26	Slate/Black	10
PG	HPP7	PG 7	-	-	6	0.24	12.5	0.49	Slate/Black	10
	HPP9	PG 9	-	-	6	0.24	15.2	0.60	Slate/Black	10
	HPP11	PG 11	-	-	6	0.24	18.6	0.73	Slate/Black	10
	HPP13	PG 13.5	-	-	6	0.24	20.4	0.80	Slate/Black	10
	HPP16	PG 16	-	-	6	0.24	22.5	0.89	Slate/Black	10
	HPP21	PG 21	-	-	8	0.31	28.3	1.11	Slate/Black	10
	HPP29	PG 29	-	-	8	0.31	37.00	1.46	Slate/Black	10

# Brass Cable Glands: Specifications



### Temperature Range

- -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



	Part No.	Size	Clamping Range		Thread Length		Thread Ø		Packing Unit
			mm	inch	mm	inch	mm	inch	
<b>Metal Glands</b>									
<b>NPT</b>	<b>MNPT3/8</b>	NPT-3/8"	4 - 8	0.157 - 0.315	11.5	0.453	17.14	0.675	10
	<b>MNPT1/2</b>	NPT-1/2"	6 - 12	0.236 - 0.472	13	0.512	21.34	0.840	10
	<b>MNPT3/4</b>	NPT-3/4"	13 - 18	0.512 - 0.709	13	0.512	26.67	1.050	10
	<b>MNPT1/2</b>	NPT-1/2"	18 - 25	0.709 - 0.984	13	0.512	33.40	1.315	10
<b>Metric</b>	<b>MES12</b>	M-12x1.5	3 - 6.5	0.118 - 0.256	6	0.236	12	0.472	10
	<b>MES16</b>	M-16x1.5	5 - 10	0.197 - 0.394	7	0.276	16	0.63	10
	<b>MES20</b>	M-20x1.5	6 - 12	0.236 - 0.472	8	0.315	20	0.787	10
	<b>MES25</b>	M-25x1.5	11 - 17	0.433 - 0.669	8	0.315	25	0.984	10
	<b>MES32</b>	M-32x1.5	15 - 21	0.591 - 0.827	8	0.315	32	1.26	10
<b>PG</b>	<b>MPG7</b>	PG 7	3 - 6.5	0.118 - 0.256	6	0.236	12.5	0.492	10
	<b>MPG9</b>	PG 9	4 - 8	0.157 - 0.315	6	0.236	15.2	0.598	10
	<b>MPG11</b>	PG 11	5 - 10	0.197 - 0.394	6	0.236	18.6	0.732	10
	<b>MPG13</b>	PG 13	6 - 12	0.236 - 0.472	6.5	0.256	20.4	0.803	10
	<b>MPG16</b>	PG 16	10 - 14	0.394 - 0.551	6.5	0.256	22.5	0.886	10
	<b>MPG21</b>	PG 21	13 - 18	0.512 - 0.709	7.2	0.283	28.3	1.114	10
	<b>MPG29</b>	PG 29	18 - 25	0.709 - 0.984	8	0.315	37	1.46	10

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