

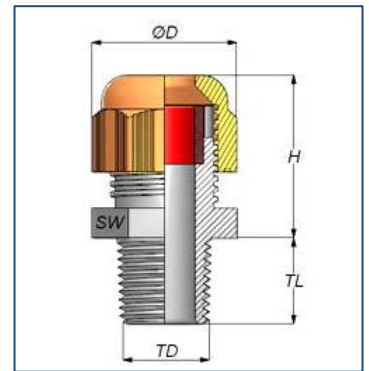
Plastic Glands - NPT Thread

Standard liquid-tight polyamide (plastic) strain-relief connectors are used in most industrial applications for protecting and sealing a cable or wire in the transition across a panel or machine wall. They accept a wide range of cable diameters, offer mechanical strength nearly equal to that of their metal counterparts, yet they are light, extremely resistant to corrosion and cost-effective.







The synchronous compression of the claw ring assures a liquid-tight and tug-proof grip on the cable, able to withstand submersion in low-pressure underwater applications without risk of corrosion or leakage.

Features and specifications:

- Operating Temperature: -20 to +100°C (permanent), -30 to 150°C (intermittent)
- Ingress Protection: IP68 @ 5 bar
- Material: Body and dome: Polyamide 6, Seal: Chloroprene









Plastic NPT Glands with Standard Seal (Order by Part No.)

NPT	Part Number		Cert.	Cable Range		Gland Dimensions (mm)				Gland Dimensions (in)				Pack
	Light Grey	Black		mm	in	TD	TL	H	ØD	TD	TL	H	ØD	
3/8" NPT	180.038	180.138		5-10	0.197-0.394	17.0	15	29.0	25.2	0.675	0.59	1.14	0.99	50
1/2" NPT	180.050	180.150		6-12	0.236-0.472	21.3	15	30.5	27.7	0.84	0.59	1.20	1.09	50
1/2" NPTL	182.050	182.150		10-14	0.394-0.551	21.3	15	32.0	31.0	0.84	0.59	1.263	1.22	50
3/4" NPT	182.075	182.175		13-18	0.511-0.709	26.7	15	35.5	37.0	1.05	0.59	1.397	1.464	25
1" NPT	180.091	180.191		18-25	0.709-0.984	33.4	18	40.5	47.5	1.32	0.709	1.594	1.87	20
1 1/4" NPT	-	180.194		22-32	0.866-1.260	42.0	18	53.0	53.0	1.654	0.709	2.087	2.087	10

Information subject to change without notice - All dimensions in mm except where indicated. See page 29 for recommended cut-out sizes

Plastic NPT Glands with Reducing Seal (Order by Part No.)

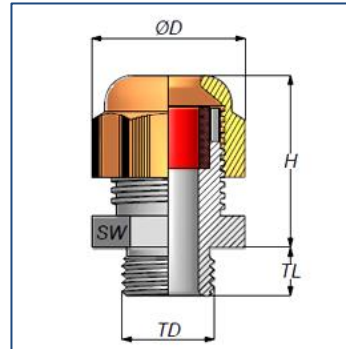
NPT	Part Number		Cert.	Cable Range		Gland Dimensions (mm)				Gland Dimensions (in)				Pack
	Light Grey	Black		mm	in	TD	TL	H	ØD	TD	TL	H	ØD	
3/8" NPT	181.038	181.138		3-7	0.118-0.276	17.2	15	29.0	25.2	0.675	0.59	1.140	0.99	50
1/2" NPT	181.050	181.150		5-9	0.197-0.354	21.3	15	30.5	27.7	0.84	0.59	1.200	1.09	50
1/2" NPTL	183.050	183.150		7-12	0.276-0.472	21.3	15	32.0	31.0	0.84	0.59	1.263	1.22	50
3/4" NPT	183.075	183.175		9-16	0.354-0.630	26.7	15	35.5	37.0	1.05	0.59	1.397	1.464	25
1" NPT	181.091	181.191		12-20	0.472-0.787	33.5	18	40.5	47.5	1.315	0.709	1.594	1.87	20
1 1/4" NPT	-	181.194		20-26	0.787-1.024	42.0	18	51.5	53.0	1.654	0.709	2.087	2.087	10

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Plastic Glands - Metric Thread

Features and specifications:

- Operating Temperature: -20 to 100°C (permanent), -30 to 150°C (intermittent)
- Ingress Protection: IP68 @ 5 bar
- Material: Body and dome: Polyamide 6, Seal: Chloroprene



Plastic Metric Glands with Standard Seal (Order by Part No.)

M	Part Number		Cert.	Cable Range		Gland Dimensions (mm)				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
M12x1.5	180.012	180.112	CSB _{US} UL	3-6.5	0.118-0.256	12	8	23.0	17.2	100
M16x1.5	180.017	180.117	CSB _{US} C UL _{US}	5-10	0.197-0.394	16	10	30.0	25.2	50
M20x1.5	180.020	180.120	CSB _{US} UL	6-12	0.236-0.472	20	10	30.0	27.7	50
M20x1.5	182.020	182.120	CSB _{US} C UL _{US}	10-14	0.394-0.551	20	10	33.0	31.0	50
M25x1.5	180.025	180.125	CSB _{US} UL	13-18	0.512-0.709	25	10	35.5	37.2	25
M32x1.5	180.032	180.132	CSB _{US} C UL _{US}	18-25	0.709-0.984	32	15	41.0	47.5	20
M40x1.5	180.040	180.140	CSB _{US} UL	22-32	0.866-1.260	40	18	50.0	60.0	10
M50x1.5	180.051	180.151	CSB _{US} UL	30-38	1.181-1.496	50	18	54.0	67.7	10
M63x1.5	180.063	180.163	CSB _{US} UL	34-44	1.339-1.732	63	18	54.5	72.2	10

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Plastic Metric Glands with Reducing Seal (Order by Part No.)

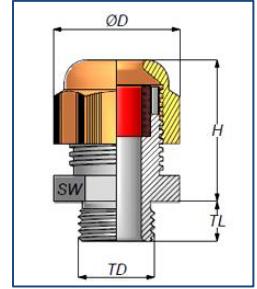
M	Part Number		Cert.	Cable Range		Gland Dimensions (mm)				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
M12x1.5	181.012	181.112	CSB _{US}	2-5	0.079-0.197	12	8	23.0	17.2	100
M16x1.5	181.017	181.117	CSB _{US}	3-7	0.118-0.276	16	10	30.0	25.2	50
M20x1.5	181.020	181.120	CSB _{US}	5-9	0.197-0.354	20	10	30.0	27.7	50
M20x1.5	183.020	183.120	CSB _{US}	7-12	0.276-0.472	20	10	33.0	31.0	50
M25x1.5	181.025	181.125	CSB _{US}	9-16	0.354-0.630	25	10	35.5	37.2	25
M32x1.5	181.032	181.132	CSB _{US}	12-20	0.472-0.787	32	15	41.0	47.5	20
M40x1.5	181.040	181.140	CSB _{US}	20-26	0.787-1.024	40	18	50.0	60.0	10
M50x1.5	181.051	181.151	CSB _{US}	25-31	0.984-1.220	50	18	54.0	67.7	10
M63x1.5	181.063	181.163	CSB _{US}	29-35	1.142-1.378	63	18	54.5	72.2	10

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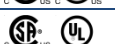
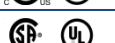

Plastic Glands - Pg Thread

Features and specifications:

- Operating Temperature: -20 to 100°C (permanent), -30 to 150°C (intermittent)
- Ingress Protection: IP68 @ 5 bar
- Material: Body and dome: Polyamide 6, Seal: Chloroprene













Plastic Pg Glands with Standard Seal (Order by Part No.)

Pg	Part Number		Cert.	Cable Range		Gland Dimensions				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
Pg7	180.007	180.107		3-6.5	0.118-0.256	12.4	8	23.0	17.2	100
Pg9	180.009	180.109		4-8	0.157-0.315	15.1	8	26.5	21.9	50
Pg11	180.011	180.111		5-10	0.197-0.394	18.5	8	28.0	25.2	50
Pg13.5	180.013	180.113		6-12	0.236-0.472	20.3	10	29.5	27.7	50
Pg16	180.016	180.116		10-14	0.394-0.551	22.5	10	32.5	31.0	50
Pg21	180.021	180.121		13-18	0.512-0.709	28.1	11	35.0	37.2	25
Pg29	180.029	180.129		18-25	0.709-0.984	37.0	11	42.0	47.5	20
Pg36	180.036	180.136		22-32	0.866-1.260	46.8	13	52.0	60.0	10
Pg42	180.042	180.142		30-38	1.181-1.496	54.0	13	54.5	67.7	10
Pg48	180.048	180.148		34-44	1.339-1.732	59.0	14	54.5	72.2	10

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See page 29 for recommended cut-out sizes

Plastic Pg Glands with Reducing Seal (Order by Part No.)

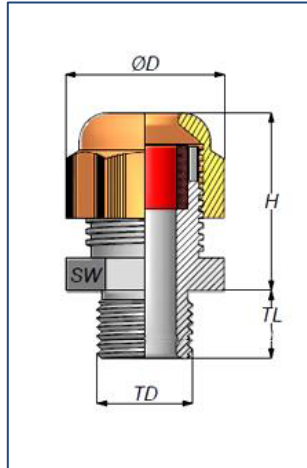
Pg	Part Number		Cert.	Cable Range		Gland Dimensions				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
Pg7	181.007	181.107		2-5	0.079-0.197	12.4	8	23.0	17.2	100
Pg9	181.009	181.109		2-6	0.079-0.236	15.1	8	26.5	21.9	50
Pg11	181.011	181.111		3-7	0.118-0.276	18.5	8	28.0	25.2	50
Pg13.5	181.013	181.113		5-9	0.197-0.354	20.3	10	29.5	27.7	50
Pg16	181.016	181.116		7-12	0.276-0.472	22.5	10	32.5	31.0	50
Pg21	181.021	181.121		9-16	0.354-0.630	28.1	11	35.0	37.2	25
Pg29	181.029	181.129		12-20	0.472-0.787	37.0	11	42.0	47.5	20
Pg36	181.036	181.136		20-26	0.787-1.024	46.8	13	52.0	60.0	10
Pg42	181.042	181.142		25-31	0.984-1.220	54.0	13	54.5	67.7	10
Pg48	181.048	181.148		29-35	1.142-1.378	59.0	14	54.5	72.2	10

Information subject to change without notice - All dimensions in mm except where indicated
See page 29 for recommended cut-out sizes





Plastic Glands with Long Thread - Metric & PG

Features and specifications:

- Operating Temperature: -20 to 100°C (permanent), -30 to 150°C (intermittent)
- Ingress Protection: IP68 @ 5 bar
- Material: Body and dome: Polyamide 6, Seal: Chloroprene






Plastic Metric Glands with Long Thread (Order by Part No.)

M	Part No.		Cert.	Cable Range		Gland Dimensions				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
M16x1.5	180.017L	180.117L		5-10	0.197-0.394	16	15	30.0	25.2	50
M20x1.5	180.020L	180.120L		6-12	0.236-0.472	20	15	30.0	27.7	50
M20x1.5	182.020L	182.120L		10-14	0.394-0.551	20	15	33.0	31.0	50
M25x1.5	180.025L	180.125L		13-18	0.512-0.709	25	15	35.5	37.2	25

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See page 29 for recommended cut-out sizes

Plastic Pg Glands with Long Thread (Order by Part No.)

Pg	Part No.		Cert.	Cable Range		Gland Dimensions				Pack
	Light Grey	Black		mm	Inches	TD	TL	H	ØD	
Pg9	180.009L	180.109L		4-8	0.157-0.315	15.2	14.7	27.1	18.8	50
Pg11	180.011L	180.111L		5-10	0.197-0.394	18.3	14.9	32.0	22.0	50
Pg13.5	180.013L	180.113L		6-12	0.236-0.472	20.4	15.8	33.5	24.0	50

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