

Cable Gland Standard Straight-Through - Polyamide

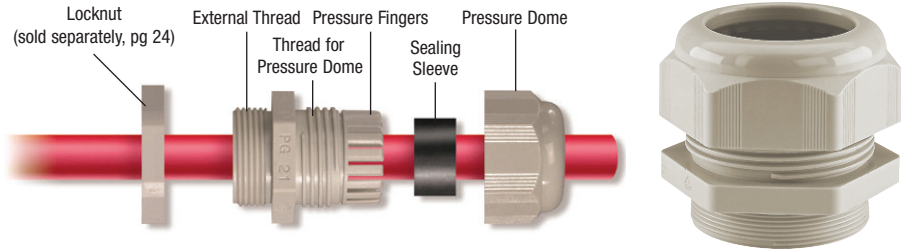
Material:

- Body: Polyamide 6
- Seal: Neoprene

Technical properties:

- Maximum strain relief through clamping range
- IP68 achieved without seal rings (PG and metric only)¹
- Trapezoidal thread with high torque guarantees tight and permanent fit of the dome nut
- Gas tight and watertight

Applications: Machines and devices



PG Thread

Outer thread	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
PG 7	1.5-5	5309 107	5309 207	50
PG 7	2.5-6.5	5308 707	5308 507	50
PG 9	1.5-6	5309 109	5309 209	50
PG 9	2.5-8	5308 709	5308 509	50
PG 11	2-7	5309 111	5309 211	50
PG 11	3.5-10	5308 711	5308 511	50
PG 13.5	3-9	5309 113	5309 213	50
PG 13.5	5-12	5308 713	5308 513	50
PG 16	5-12	5309 116	5309 216	50
PG 16	7-14	5308 716	5308 516	50
PG 21	7-16	5309 121	5309 221	25
PG 21	9-18	5308 721	5308 521	25
PG 29	11-21	5309 129	5309 229	20
PG 29	14-25	5308 729	5308 529	20
PG 36	13-26	5309 136	5309 236	10
PG 36	18-32	5308 736	5308 536	10
PG 42	17-31	5309 142	5309 242	5
PG 42	24-38.5	5308 737	5308 537	5
PG 48	26-39	5309 148	5309 248	5
PG 48	35-48	5308 738	5308 538	5



Temperature Range

-40 to 100°C
(-40 to 212°F)

Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØThread mm
PG7	15	8	32	6.7	6.8	12.5
PG9	19	8	35	8.5	8.7	15.2
PG11	22	8	37	10.5	10.5	18.6
PG13.5	24	9	39	12.5	12.5	20.4
PG16	27	10	43	14.5	14.5	22.5
PG21	33	11	50	18.5	18.5	28.3
PG29	42	11	53	25.5	25.5	37.0
PG36	53	13	65	32.5	32.5	47.0
PG42	60	13	68	39.0	39.0	54.0
PG48	70	14	70	48.5	48.5	59.3

NPT Thread

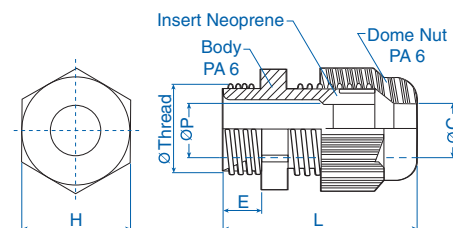
NPT 3/8"	1.5-6	5308 904	5308 924	50
NPT 3/8"	2.5-8	5308 900	5308 920	50
NPT 1/2"	3-9	5308 905	5308 925	50
NPT 1/2"	5-12	5308 901	5308 921	50
NPT 3/4"	7-16	5308 906	5308 926	20
NPT 3/4"	9-18	5308 902	5308 922	20
NPT 1"	11-21	5308 907	5308 927	20
NPT 1"	14-25	5308 903	5308 923	20

NPT 3/8	19	11	38	8.5	8.7	17.1
NPT 1/2	24	14	44	12.5	12.5	21.2
NPT 3/4	33	15	54	18.5	18.5	26.7
NPT 1	42	18	60	25.5	25.5	33.3

M12x1.5	15	8	32	6.7	6.8	12.0
M16x1.5/9	19	10	37	8.5	8.5	16.0
M16x1.5/11	22	10	39	10.5	10.5	16.0
M20x1.5/13	24	10	40	12.5	12.5	20.0
M20x1.5/16	27	10	43	14.5	14.5	20.0
M25x1.5/16	27	10	45	14.5	14.5	25.0
M25x1.5/21	33	10	49	18.5	18.5	25.0
M32x1.5	42	10	52	25.5	25.5	32.0
M40x1.5	53	10	62	32.5	32.5	40.0
M50x1.5	60	12	67	39.0	39.0	50.0
M63x1.5	70	12	68	48.5	48.5	63.0

Metric Thread*

M 12 x 1.5	1.5-5	5309 612	5309 712	50
M 12 x 1.5	2.5-6.5	5308 950	5308 940	50
M 16 x 1.5/9	1.5-6	5309 615	5309 715	50
M 16 x 1.5/11	2-7	5309 616	5309 716	50
M 16 x 1.5/9	2.5-8	5308 958	5308 948	50
M 16 x 1.5/11	3.5-10	5308 951	5308 941	50
M 20 x 1.5/13	3-9	5309 619	5309 719	50
M 20 x 1.5/16	5-12	5309 620	5309 720	50
M 20 x 1.5/13	5-12	5308 959	5308 949	50
M 20 x 1.5/16	7-14	5308 952	5308 942	50
M 25 x 1.5/16	5-12	5309 624	5309 724	50
M 25 x 1.5/21	7-16	5309 625	5309 725	25
M 25 x 1.5/16	7-14	5308 960	5308 962	50
M 25 x 1.5/21	9-18	5308 953	5308 943	25
M 32 x 1.5	11-21	5309 632	5309 732	20
M 32 x 1.5	14-25	5308 954	5308 944	20
M 40 x 1.5	13-26	5309 640	5309 740	10
M 40 x 1.5	18-32	5308 955	5308 945	10
M 50 x 1.5	17-31	5309 650	5309 750	5
M 50 x 1.5	24-38.5	5308 956	5308 946	5
M 63 x 1.5	26-39	5309 663	5309 763	5
M 63 x 1.5	35-48	5308 957	5308 947	5



This is one of our most popular series and is usually kept in stock.

* Extended thread available consult Altech. ¹ Seal rings for NPT sold separately, see page 35.

Locknuts sold separately, see page 24.

Mouser Electronics

Authorized Distributor

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Altech:

<u>5309 640</u>	<u>5309 719</u>	<u>5308 509</u>	<u>5308 511</u>	<u>5308 521</u>	<u>5308 713</u>	<u>5308 716</u>	<u>5308 721</u>	<u>5308 729</u>	<u>5308 900</u>	<u>5308 901</u>
<u>5308 905</u>	<u>5308 906</u>	<u>5308 925</u>	<u>5308 941</u>	<u>5308 951</u>	<u>5308 953</u>	<u>5308 958</u>	<u>5309 109</u>	<u>5309 113</u>	<u>5309 121</u>	<u>5309 136</u>
<u>5309 625</u>	<u>5308945</u>	<u>5309 116</u>	<u>5309 624</u>	<u>5308 949</u>	<u>5308 513</u>	<u>5308955</u>	<u>5308 921</u>	<u>5309 612</u>	<u>5309 619</u>	<u>5308 709</u>
<u>5308 954</u>	<u>5308 952</u>	<u>5308 507</u>	<u>5308 957</u>	<u>5308 923</u>	<u>5308 956</u>	<u>5308 924</u>	<u>5308 707</u>	<u>5308 536</u>	<u>5309 213</u>	<u>5308 943</u>
<u>5309 216</u>	<u>5309 720</u>	<u>5308 711</u>	<u>5308 942</u>	<u>5309 715</u>	<u>5309 724</u>	<u>5309 209</u>	<u>5308 940</u>	<u>5309 632</u>	<u>5309 716</u>	<u>5309 620</u>
<u>5309 725</u>	<u>5308 920</u>	<u>5308 927</u>	<u>5309 107</u>	<u>5308 959</u>	<u>5309 712</u>	<u>5308 529</u>	<u>5308 947</u>	<u>5309 236</u>	<u>5308 736</u>	<u>5309 148</u>
<u>5309 207</u>	<u>5309 242</u>	<u>5308 960</u>	<u>5308 950</u>	<u>5309 111</u>	<u>5309 221</u>	<u>5308 738</u>	<u>5308 903</u>	<u>5308 926</u>	<u>5309 211</u>	<u>5309 229</u>
<u>5309 129</u>	<u>5309 248</u>	<u>5309 732</u>	<u>5308 538</u>	<u>5308 904</u>	<u>5308 948</u>	<u>5308 962</u>	<u>5309 616</u>	<u>5308 922</u>	<u>5309 615</u>	<u>5308 516</u>
<u>5308 907</u>	<u>5308 737</u>	<u>5308 902</u>	<u>5308 944</u>							