

Material:

Body: Nickel-plated brass
 Seal: Neoprene
 Clamping insert: PA 6
 Sealing ring for outer thread: Nitril

Technical properties:

• Seal rings included for PG and Metric sizes

Technical properties:

• Maximum strain relief through clamp range
 • Gas and water-tight

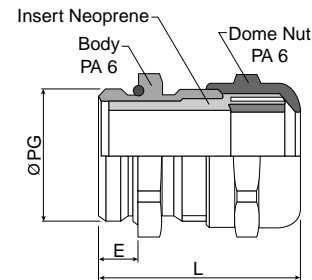
Temperature Range Neoprene
-25 to 100° C (-13 to 212° F)



PG Thread*

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
PG 7	1.5-5	4220351	50
PG 7	2.5-6.5	4220307	50
PG 9	2.5-7	4220352	50
PG 9	4-9.5	4220309	50
PG 11	3-8.5	4220353	50
PG 11	6-11.5	4220311	50
PG 13	4-10	4220354	50
PG 13	7-13	4220313	50
PG 16	5-12	4220355	50
PG 16	8-15	4220316	50
PG 21	8-16	4220356	20
PG 21	11-19	4220321	20
PG 29	11-21	4220357	20
PG 29	16-26	4220329	20
PG 36	16-28	4220358	10
PG 36	22-34.5	4220336	10
PG 42	22-34	4220359	5
PG 42	27-40	4220342	5
PG 48	28-40	4220360	5
PG 48	35-48	4220348	5

Thread Size	H mm	PG Dimensions					
		E mm	L mm	ØC mm	ØP mm	ØPG mm	
PG7	14	5	32	6.7	6.8	12.5	
PG9	17	6	35	8.5	8.7	15.2	
PG11	20	6	37	10.5	10.5	18.6	
PG13	22	6.5	39	12.5	12.5	20.4	
PG16	24	6.5	43	14.5	14.5	22.5	
PG21	30	7	50	18.5	18.5	28.3	
PG29	40	8	53	25.5	25.5	37.0	
PG36	50	9	65	32.5	32.5	47.0	
PG42	58	10	68	39.0	39.0	54.0	
PG48	65	10	70	48.5	48.5	59.3	



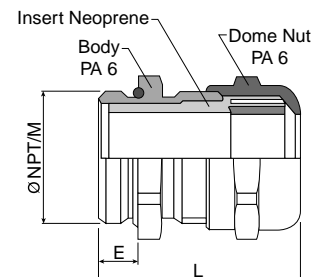
NPT Thread

NPT	Clamping range mm	Cat. No.	Std. Pk.
NPT 3/8"	2.5-7	4220810	50
NPT 3/8"	4-9.5	4220800	50
NPT 1/2"	4-10	4220811	50
NPT 1/2"	7-13	4220801	50
NPT 3/4"	5-13	4220812	20
NPT 3/4"	8-16	4220802	20
NPT 1"	7-17	4220813	5
NPT 1"	11-21	4220803	5

Thread Size	H mm	Metric/NPT Dimensions					
		E mm	L mm	ØC mm	ØP mm	ØNPT/M mm	
NPT 3/8	18	15	38	9.7	10	17.1	
NPT 1/2	23	20	46	13.2	13.5	21.2	
NPT 3/4	28	20	48	16.2	16.5	26.7	
NPT 1	36	25	55	21.5	22	33.3	
M12	14	5	25	6.6	6.6	12.0	
M16	17	5	28	9.7	10	16.0	
M20	22	6	32	13.2	13.5	20.0	
M25	27	7	35	16.2	16.5	25.0	
M32	34	8	38	21.5	22	32.0	
M40	42	8	41	27.5	28	40.0	
M50	55	9	46	35.5	36	50.0	
M63	65	10	54	48.5	50	63.0	

Metric Thread*

Metric	Clamping range mm	Cat. No.	Std. Pk.
M 12 x 1.5	1.5-5	4220712	100
M 12 x 1.5	2.5-6.5	4220612	100
M 16 x 1.5	2.5-7	4220716	50
M 16 x 1.5	4-9.5	4220616	50
M 20 x 1.5	4-10	4220720	50
M 20 x 1.5	7-13	4220620	50
M 25 x 1.5	5-13	4220725	25
M 25 x 1.5	8-16	4220625	25
M 32 x 1.5	7-17	4220732	20
M 32 x 1.5	11-21	4220632	20
M 40 x 1.5	10-22	4220740	10
M 40 x 1.5	15-27	4220640	10
M 50 x 1.5	17-29	4220750	5
M 50 x 1.5	22-35	4220650	5
M 63 x 1.5	28-40	4220763	5
M 63 x 1.5	35-48	4220663	5



* Extended Thread available consult Altech

Cable Gland Industrial, with traction relief and kink protection, Polyamide

Material:

Body: Polyamide 6

Seal: Neoprene

Characteristic feature:

PG/Metric/NPT threads



Temperature Range PA
-20 to 100° C (-4 to 212° F)

Technical properties:

- Optimal strain relief through clamping range
- Seals against housing through sealing lip
- Trapezoidal threading with high torque guarantees tight and permanent fit of the dome nut
- also available with reduction insert
- Gas and water tight

Applications:

- Machines and devices



Outer thread	Clamping range mm	Cat. No. Dark Grey	Cat. No. Black	Std. Pk.
PG				
PG 7	2.5 - 6.5	5306007	5306107	50
PG 9	3 - 8	5306009	5306109	50
PG 11/1	4 - 10	5306011	5306111	50
PG 11/2	2 - 7	5306012	5306112	50
PG 13/1	5.5 - 12	5306013	5306113	50
PG 13/2	3 - 7	5306014	5306114	50
PG 16/1	8.5 - 14	5306016	5306116	25
PG 16/2	5 - 11	5306017	5306117	25
Metric				
M 12 x 1.5/K/6.5	2.5 - 6.5	5306030	5306130	50
M 16 x 1.5/K/8	3 - 8	5306031	5306131	50
M 20 x 1.5/K/7	3 - 7	5306032	5306132	50
M 20 x 1.5/K/12	5.5 - 12	5306033	5306133	50
NPT				
NPT 3/8"/8	3 - 8	5306050	5306150	50
NPT 1/2"/7	3 - 7	5306051	5306151	50
NPT 1/2"/12	5.5 - 12	5306052	5306152	50

Thread Size	Dimensions			ØPG/M/NPT mm
	H mm	E mm	L mm	
PG7	15	8	54	12.5
PG9	19	8	64	15.2
PG11/1	22	8	77	18.6
PG11/2	22	8	77	18.6
PG13/1	24	9	88	20.4
PG13/2	24	9	88	20.4
PG16/1	27	10	102	22.5
PG16/2	27	10	102	22.5
M 12x1.5/K/6.5	15	6	54	12
M 16x1.5/K/8	19	6	64	16
M 20x1.5/K/7	24	8	88	20
M 20x1.5/K/12	24	8	88	20
NPT 3/8"/8	19/22	15	64	17.1
NPT 1/2"/7	24	15	88	21.2
NPT 1/2"/12	24	15	88	21.2

Lock Nuts, Nickel-Plated Brass

Material:
Nickel-plated brass

Characteristic feature:
PG and Metric thread



Temperature Range MS -40 to 300° C (-40 to 572° F)
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Thread	Thickness (E) mm	SW mm	Cat. No.	Std. Pk.
PG (DIN 46 320)				
PG 7	2.9	15	6000070	100
PG 9	2.9	18	6000096	100
PG 11	3.1	21	6000118	100
PG 13.5	3.1	23	6000134	100
PG 16	3.1	26	6000169	100
PG 21	3.6	32	6000215	100
PG 29	4.1	41	6000290	100
PG 36	5.1	51	6000363	50
PG 42	5.1	60	6000428	25
PG 48	5.6	64	6000487	25
Metric				
M 12 x 1.5	3	15	6004121	50
M 16 x 1.5	3	19	6004164	50
M 20 x 1.5	3.5	24	6004202	50
M 25 x 1.5	3.5	30	6004253	25
M 32 x 1.5	4.5	36	6004326	20
M 40 x 1.5	5	46	6004407	10
M 50 x 1.5	5.5	55	6004504	10
M 63 x 1.5	6	70	6004636	5

