

Cable Gland, Polyamide

Material:

Body: Polyamide 6

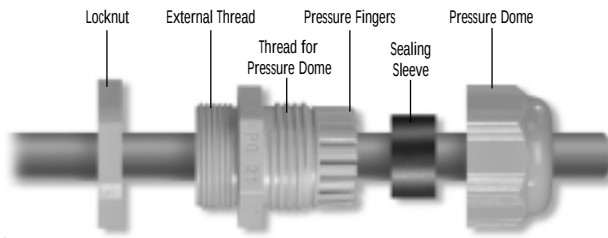
Seal: Neoprene

Technical properties:

- Maximum strain relief through clamping range
- IP 68 achieved without seal rings
- Trapezoidal thread with high torque guarantees tight and permanent fit of the dome nut
- Gas and water-tight

Application field:

- Machines and devices



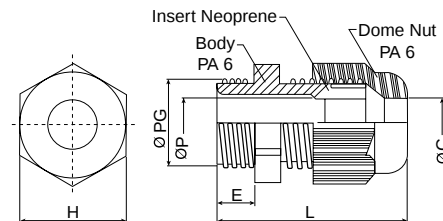
Temperature Range	
PA6	Neoprene
-40 to 100° C (-40 to 212° F)	-25 to 100° C (-13 to 212° F)



PG Thread

Outer thread	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
PG 7	1.5-5	5309107	5309207	100
PG 7	2.5-6.5	5308707	5308507	100
PG 9	1.5-6	5309109	5309209	50
PG 9	2.5-8	5308709	5308509	50
PG 11	2-7	5309111	5309211	50
PG 11	3.5-10	5308711	5308511	50
PG 13.5	3-9	5309113	5309213	50
PG 13.5	5-12	5308713	5308513	50
PG 16	5-12	5309116	5309216	50
PG 16	7-14	5308716	5308516	50
PG 21	7-16	5309121	5309221	25
PG 21	9-18	5308721	5308521	25
PG 29	11-21	5309129	5309229	20
PG 29	14-25	5308729	5308529	20
PG 36	13-26	5309136	5309236	10
PG 36	18-32	5308736	5308536	10
PG 42	17-31	5309142	5309242	5
PG 42	24-38.5	5308737	5308537	5
PG 48	26-39	5309148	5309248	5
PG 48	35-48	5308738	5308538	5

PG Dimensions						
Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØPG 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

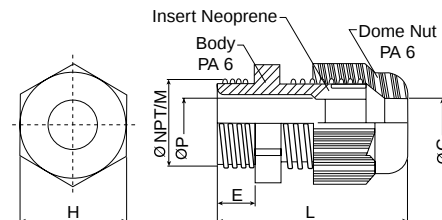
NPT 3/8"	1.5-6	5308904	5308924	50
NPT 3/8"	2.5-8	5308900	5308920	50
NPT 1/2"	3-9	5308905	5308925	50
NPT 1/2"	5-12	5308901	5308921	50
NPT 3/4"	7-16	5308906	5308926	20
NPT 3/4"	9-18	5308902	5308922	20
NPT 1"	11-21	5308907	5308927	20
NPT 1"	14-25	5308903	5308923	20

Metric/NPT Dimensions						
Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØNPT/M mm
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

Metric Thread*

M 12 x 1.5	1.5-5	5309612	5309712	100
M 12 x 1.5	2.5-6.5	5308950	5308940	100
M 16 x 1.5	2-7	5309616	5309716	50
M 16 x 1.5	2.5-8	5308958	5308948	50
M 16 x 1.5	3.5-10	5308951	5308941	50
M 20 x 1.5	5-12	5309620	5309720	50
M 20 x 1.5	5-12	5308959	5308949	50
M 20 x 1.5	7-14	5308952	5308942	50
M 25 x 1.5	7-16	5309625	5309725	25
M 25 x 1.5	7-14	5308960	5308962	50
M 25 x 1.5	9-18	5308953	5308943	25
M 32 x 1.5	11-21	5309632	5309732	20
M 32 x 1.5	14-25	5308954	5308944	20
M 40 x 1.5	13-26	5309640	5309740	10
M 40 x 1.5	18-32	5308955	5308945	10
M 50 x 1.5	17-31	5309650	5309750	5
M 50 x 1.5	24-38.5	5308956	5308946	5
M 63 x 1.5	26-39	5309663	5309763	5
M 63 x 1.5	35-48	5308957	5308947	5

M12	15	8	32	6.7	6.8	12.0
M16	22	10	39	10.5	10.5	16.0
M20	27	10	43	14.5	14.5	20.0
M25	33	10	49	18.5	18.5	25.0
M32	42	10	52	25.5	25.5	32.0
M40	53	10	62	32.5	32.5	40.0
M50	60	12	67	39.0	39.0	50.0
M63	70	12	68	48.5	48.5	63.0



* Extended Thread available consult Altech

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

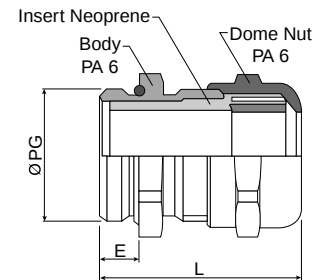
Temperature Range
Neoprene
-25 to 100° C
(-13 to 212° F)



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



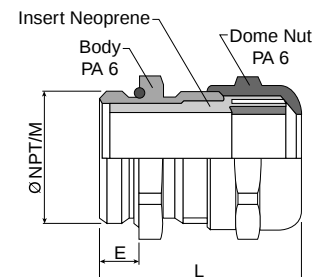
NPT Thread

NPT 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*

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

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
1200068	55	3803163	56	4103363	32	4220725	5
1200069	55	3803201	56	4103516	33	4220732	5
1200070	55	3803252	56	4103520	33	4220740	5
1200073	55	3803325	56	4103521	33	4220750	5
1200089	55	3803410	56	4103525	33	4220763	5
1200100	55	3803412	56	4103532	33	4220800	5
1200127	55	3803413	56	4103540	33	4220801	5
1200135	55	3803418	56	4103550	33	4220802	5
1200143	55	3803424	56	4103563	33	4220803	5
1200160	55	3803429	56	4104312	30	4220810	5
1200178	55	3803434	56	4104316	30	4220811	5
1200194	55	4000005	30	4104320	30	4220812	5
1200224	55	4000102	30	4104321	30	4220813	5
1200232	55	4000200	30	4104325	30	4221000	15
1200267	55	4000307	30	4104332	30	4221001	15
1200291	55	4000404	30	4104340	30	4221002	15
1200372	55	4000501	30	4104350	30	4221003	15
1200500	55	4000552	30	4104363	30	4221004	15
1205030	55	4000609	30	4104516	31	4221005	15
1205045	55	4000650	30	4104520	31	4221006	15
1205060	55	4000706	30	4104521	31	4221007	15
1205072	55	4001001	32	4104525	31	4221008	15
1205080	55	4001109	32	4104532	31	4221009	15
1205102	55	4001206	32	4104540	31	4221039	15
1205129	55	4001303	32	4104550	31	4221040	15
1205137	55	4001400	32	4104563	31	4221041	15
1205145	55	4001508	32	4220307	5	4221042	15
1205161	55	4001559	32	4220309	5	4221043	15
1205170	55	4001605	32	4220311	5	4221044	15
1205196	55	4001656	32	4220313	5	4221045	15
1205226	55	4001702	32	4220316	5	4221046	15
1205234	55	4006100	31	4220321	5	4221047	15
1205269	55	4006208	31	4220329	5	4221048	15
1205290	55	4006305	31	4220336	5	4221049	15
1205374	55	4006402	31	4220342	5	4221050	15
1205501	55	4006500	31	4220348	5	4221079	15
1280412	55	4006550	31	4220351	5	4221095	15
1280416	55	4006607	31	4220352	5	4221117	15
1280420	55	4006658	31	4220353	5	4221133	15
1280425	55	4006704	31	4220354	5	4221168	15
1280432	55	4009100	33	4220355	5	4221214	15
3800075	56	4009207	33	4220356	5	4221290	15
3800091	56	4009304	33	4220357	5	4221362	15
3800113	56	4009401	33	4220358	5	4221427	15
3800114	56	4009509	33	4220359	5	4221486	15
3800130	56	4009550	33	4220360	5	4221714	15
3800164	56	4009606	33	4220612	5	4221716	15
3800210	56	4009658	33	4220616	5	4221717	15
3800211	56	4009695	33	4220620	5	4221720	15
3800296	56	4103312	32	4220625	5	4221721	15
3800369	56	4103316	32	4220632	5	4221725	15
3800482	56	4103320	32	4220640	5	4221726	15
3802070	56	4103321	32	4220650	5	4221732	15
3802091	56	4103325	32	4220663	5	4221733	15
3802112	56	4103332	32	4220712	5	4221740	15
3802132	56	4103340	32	4220716	5	4221750	15
3803120	56	4103350	32	4220720	5	4221760	15