

Cable gland Industrial, Polyamide

Material:

- Body: Polyamide PA 6
25 % Glass-fiber Reinforced
- Seal: Tefabloc
ECA clamping ring: Polycarbonate

Characteristics:

- PG/metric thread
- ECA clamping ring
- Extended thread available

Technical properties:

- Strain relief through clamping ring
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations

Dimensions

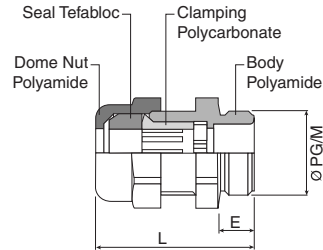
Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØPG/M mm
PG7	15	8	31	6.5	7.0	12.5
PG9	19	8	32	8.5	9.0	15.2
PG11	22	8	35	11.5	11.0	18.6
PG13.5	24	9	36	12.5	13.5	20.4
PG16	27	10	40	14.5	15.0	22.5
PG21	33	11	44	18.5	19.0	28.3
PG29	42	12	55	25.0	25.0	37.0
PG36	55	18	65	35.0	37.0	47.0
PG42	65	18	67	43.0	44.0	54.0
PG48	70	18	67	51.0	51.0	59.3
M 16x1.5	19	8	32	8.5	9.0	16.0
M 20x1.5/13	24	9	36	12.5	13.5	20.0
M 20x1.5/16	27	9	39	14.5	15.0	20.0
M 25x1.5	33	11	44	18.5	19.0	25.0
M 32x1.5	42	12	55	25.0	25.0	32.0
M 40x1.5	55	15	63	35.0	34.5	40.0
M 50x1.5	65	15	65	43.0	42.5	50.0
M 63x1.5	70	15	65	51.0	51.0	63.0

Temperature Range PA
 -30 to 120°C (-22 to 248°F)



ECA Clamping Ring Polyamide

Outer thread	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
PG				
PG 7	3-6	5313610	5313620	50
PG 9	5-8	5313611	5313621	50
PG 11	6-10	5313612	5313622	50
PG 13.5	8-12	5313613	5313623	50
PG 16	10-14	5313614	5313624	50
PG 21	11.5-18	5313615	5313625	20
PG 29	15-24	5313616	5313626	20
Metric				
M 16 x 1.5	5-8	5313640	5313650	50
M 20 x 1.5/13	8-12	5313641	5313651	50
M 20 x 1.5/16	10-14	5313644	5313654	50
M 25 x 1.5	11.5-18	5313642	5313652	20
M 32 x 1.5	15-24	5313643	5313653	20



Material:

- Body: Polyamide PA 6
25 % glass-fiber reinforced
- Seal: Tefabloc

Characteristic feature:

- PG/metric thread
- ECA clamping ring
- Extended thread available

Technical properties:

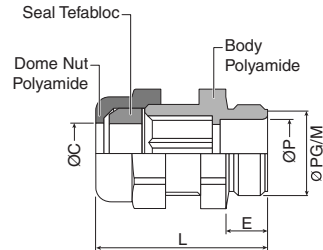
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations

Short Seal Polyamide

PG	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
PG 7	3-6	5211107	5211307	50
PG 9	4.5-8	5211109	5211309	50
PG 11	6.5-10.5	5211111	5211311	50
PG 13.5	7-12	5211113	5211313	50
PG 16	9-14	5211116	5211316	50
PG 21	11.5-18	5211121	5211321	20
PG 29	15-24.5	5211129	5211329	20
Metric				
M 16 x 1.5	4.5-8	5211416	5211616	50
M 20 x 1.5/13	7-12	5211420	5211620	50
M 20 x 1.5/16	9-14	5211421	5211621	50
M 25 x 1.5	11.5-18	5211425	5211625	20
M 32 x 1.5	15-24.5	5211432	5211632	20



Material:

- Body: Polyamide PA 6
25 % glass-fiber reinforced
- Seal: Santoprene/Nitril

Characteristic feature:

- PG/metric thread
- Extended thread available

Technical properties:

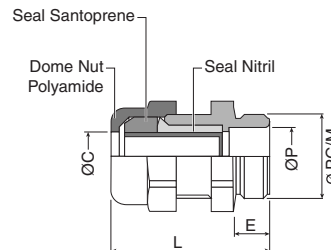
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations

Long Seal, Two Part Polyamide

PG	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
PG 9	3-8	5320001	5320051	50
PG 11	5-11	5320002	5320052	50
PG 13.5	5-12.5	5320003	5320053	50
PG 16	7-14.5	5320004	5320054	50
PG 21	10-18	5320005	5320055	20
PG 29	14-24	5320006	5320056	20
PG 36	22-32	5320007	5320057	10
PG 42	30-40	5320008	5320058	10
PG 48	34-46	5320009	5320059	5
Metric				
M 16 x 1.5	3-8	5320100	5320160	50
M 20 x 1.5/13	5-12.5	5320101	5320161	50
M 20 x 1.5/16	7-14.5	5320104	5320164	50
M 25 x 1.5	10-18	5320102	5320162	20
M 32 x 1.5	14-24	5320103	5320163	20
M 40 x 1.5	22-32	5320105	5320165	20
M 50 x 1.5	30-40	5320106	5320166	20
M 63 x 1.5	34-46	5320107	5320167	20



Cable Gland Industrial, PVDF

Material:

- Body: Polyvinylidene fluoride
- Seal: Santoprene
- ECA clamping ring: Polycarbonate

Characteristics:

- Metric thread
- ECA clamping ring
- Short and long seal

Technical properties:

- No halogen
- Strain relief through clamping ring
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts
- Chemical resistant

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations
- Food sector

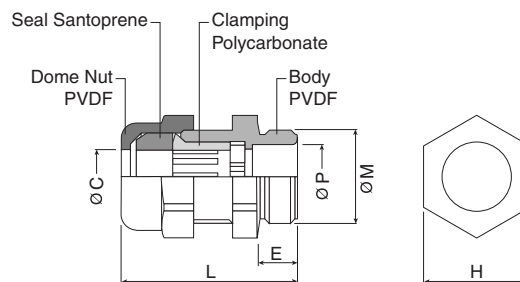


Temperature Range PVDF -40 to 120°C (-40 to 248°F)



Metric Thread

Outer thread	ECA		Short Seal		Long Seal		Std. Pk.
	Clamping range mm	Cat. No.	Clamping range mm	Cat. No.	Clamping range mm	Cat. No.	
M 16 x 1.5	5-8	5330016	4.5-8	5330116	3-8	5330216	50
M 20 x 1.5/13	8-12	5330020	7-12	5330120	6-12.5	5330220	50
M 20 x 1.5/16	10-14	5330021	9-14	5330121	7-14.5	5330221	50
M 25 x 1.5	11.5-18	5330025	11.5-18	5330125	10-18	5330225	20
M 32 x 1.5	15-24	5330032	15-24.5	5330132	14-24	5330232	20



Thread Size	PG Dimensions					
	H mm	E mm	L mm	ØC mm	ØP mm	ØM mm
M 16x1.5	19	15	39	8.5	9	16
M 20x1.5/13	24	15	42	12.5	13.5	20
M 20x1.5/16	27	15	45	14.5	15	20
M 25x1.5	33	15	48	18.5	19	25
M 32x1.5	42	15	58	25	25	32

Cable Gland Industrial, Nickel-Plated Brass

Material:

- Body: Nickel-plated brass
- Seal: Tefabloc or Santoprene/Nitril
- ECA clamping ring: Polycarbonate
- Sealing ring for outer thread: Nitril

Technical properties:

- Strain relief through clamping ring
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations

Characteristics:

- PG/Metric thread
- Extended Thread available

Temperature Range MS
-25 to 120°C (-13 to 248°F)



Dimensions

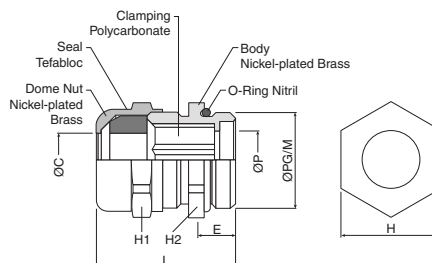
Thread Size	H1 mm	H2 mm	E mm	L mm	ØC mm	ØP mm	ØPG/M mm
PG7	14	14	5	24	6.5	7.2	12.5
PG9	17	17	6	25	8.5	9.2	15.2
PG11	20	20	6	26	10.5	11.2	18.6
PG13.5	22	22	6.5	28	12.5	13.1	20.4
PG16	24	24	6.5	30	15.2	15.6	22.5
PG21	30	30	7	35	18.5	20.1	28.3
PG29	40	40	8	43	25.0	26.2	37.0
PG36	50	50	9	50	30.5	33.0	47.0
PG42	58	58	10	57	35.5	40.0	54.0
PG48	64	64	10	59	40.5	47.5	59.3
M 12x1.5	14	14	7	27	6.5	7.2	12
M 16x1.5/7	14	17	7	27	6.5	7.2	16
M 16x1.5/9	17	17	7	27	8.5	9.2	16
M 20x1.5/11	20	22	7	28	10.5	11.2	20
M 20x1.5/13	22	22	7	29	12.5	13.1	20
M 25x1.5/16	24	26	8	31	15.2	15.6	25
M 25x1.5/21	30	30	8	37	18.5	20.1	25
M 32x1.5/21	30	33	8.5	38	18.5	20.1	32
M 32x1.5/29	40	40	8.5	45	25.0	26.2	32
M 40x1.5	40	42	8.5	45	25.0	26.2	40
M 50x1.5	50	55	9.5	51	30.5	33.0	50
M 63x1.5	58	70	10.5	58	30.5	40.0	63

ECA Clamping Ring Nickel-Plated Brass

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
PG			
PG 7	3-6	4221079	50
PG 9	5-8	4221095	50
PG 11	6-10	4221117	50
PG 13.5	8-12	4221133	50
PG 16	9.5-14	4221168	20
PG 21	11.5-18	4221214	20
PG 29	15-24	4221290	20
PG 36*	23-30	4221362	10
PG 42*	26-35	4221427	5
PG 48*	35-40	4221486	5
Metric			
M 12 x 1.5	3-6	4221714	50
M 16 x 1.5/7	3-6	4221716	50
M 16 x 1.5/9	5-8	4221717	50
M 20 x 1.5/11	6-10	4221720	50
M 20 x 1.5/13	8-12	4221721	50
M 25 x 1.5/16	9.5-14	4221725	20
M 25 x 1.5/21	11.5-18	4221726	20
M 32 x 1.5/21	11.5-18	4221732	10
M 32 x 1.5/29	15-24	4221733	10
M 40 x 1.5	15-24	4221740	5
M 50* x 1.5	23-30	4221750	5
M 63* x 1.5	26-35	4221760	5

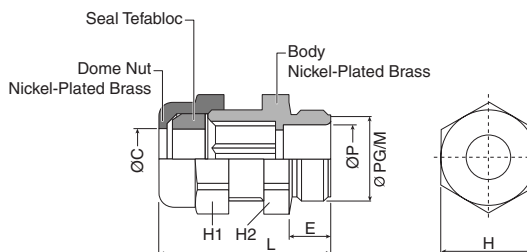


*Clamping ring made of polyoxymethylene (POM), temperature range -30°C to +95°C (-22°F to 203°F)



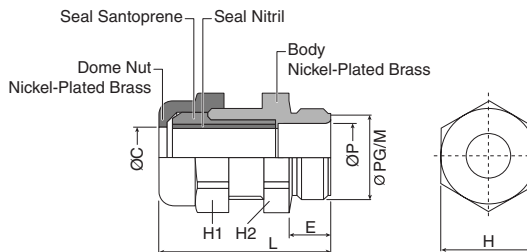
Short Seal Nickel-Plated Brass

PG			
PG 7	3-6	4221000	50
PG 9	5-8	4221001	50
PG 11	6-10	4221002	50
PG 13.5	8-12	4221003	50
PG 16	9.5-14	4221004	20
PG 21	11.5-18	4221005	20
PG 29	15-24	4221006	20
PG 36	22-30	4221007	10
PG 42	25-35	4221008	5
PG 48	30-40	4221009	5
Metric			
M 12 x 1.5	3-6	4221039	50
M 16 x 1.5/7	3-6	4221040	50
M 16 x 1.5/9	5-8	4221041	50
M 20 x 1.5/11	6-10	4221042	50
M 20 x 1.5/13	8-12	4221043	50
M 25 x 1.5/16	9.5-14	4221044	20
M 25 x 1.5/21	11.5-18	4221045	20
M 32 x 1.5/21	11.5-18	4221046	10
M 32 x 1.5/29	15-24	4221047	10
M 40 x 1.5	15-24	4221048	5
M 50 x 1.5	22-30	4221049	5
M 63 x 1.5	25-35	4221050	5



Long Seal, Two Part Nickel-Plated Brass

PG			
PG 9	3-8	4224001	50
PG 11	5-10.5	4224002	50
PG 13.5	6-12.5	4224003	50
PG 16	7-14.5	4224004	20
PG 21	10-18	4224005	20
PG 29	14-24	4224006	20
Metric			
M 16 x 1.5/9	3-8	4224101	50
M 20 x 1.5/11	5-10.5	4224102	50
M 20 x 1.5/13	6-12.5	4224103	50
M 25 x 1.5/16	7-14.5	4224104	20
M 25 x 1.5/21	10-18	4224105	20
M 32 x 1.5/21	10-18	4224106	10
M 32 x 1.5/29	14-24	4224107	10



Cable Gland Industrial, Stainless Steel INOX 316L

Material:

- Body: Stainless Steel INOX 316L
- Seal: Santoprene
- ECA clamping ring: Polycarbonate
- Sealing ring for outer thread: Nitril

Characteristics:

- PG/Metric extended thread

Technical properties:

- Acid and lye resistant
- Gas- and watertight
- Completely twist protected
- Combinable with various sealing inserts

Applications:

- Machines and devices
- Measuring and control engineering
- Plant installations

Temperature Range EST
-25 to 120°C (-13 to 248°F)

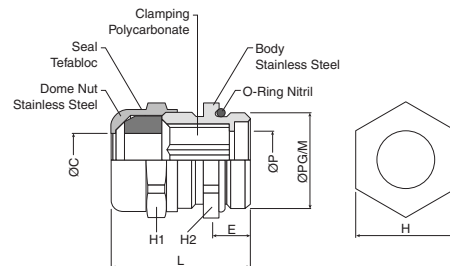


ECA Clamping Ring Stainless Steel

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
PG			
PG 7	3-6	4222075	20
PG 9	5-8	4222091	20
PG 11	6-10	4222113	20
PG 13.5	8-12	4222130	10
PG 16	9.5-14	4222164	10
PG 21	11.5-18	4222210	5
PG 29	15-24	4222296	5
PG 36*	23-30	4222369	1
PG 42*	26-35	4222423	1
PG 48*	35-40	4222482	1
Metric			
M 12 x 1.5	3-6	4222012	20
M 16 x 1.5/7	3-6	4222016	20
M 16 x 1.5/9	5-8	4222017	20
M 20 x 1.5/11	6-10	4222020	10
M 20 x 1.5/13	8-12	4222021	10
M 25 x 1.5/16	9.5-14	4222025	5
M 25 x 1.5/21	11.5-18	4222026	5
M 32 x 1.5/21	11.5-18	4222032	1
M 32 x 1.5/29	15-24	4222033	1
M 40 x 1.5	15-24	4222041	1
M 50 x 1.5	23-30	4222050	1
M 63 x 1.5	26-35	4222063	1



Thread Size	Dimensions						
	H1 mm	H2 mm	E mm	L mm	ØC mm	ØP mm	ØPG/M mm
PG7	14	14	15	34	6.5	7.2	12.5
PG9	17	17	15	34	8.5	9.2	15.2
PG11	20	20	15	35	10.5	11.2	18.6
PG13.5	22	22	15	36.5	12.5	13.1	20.4
PG16	24	24	15	38.5	15.2	15.6	22.5
PG21	30	30	15	43	18.5	20.1	28.3
PG29	40	40	15	50	25.0	26.2	37.0
PG36	50	50	18	59	30.5	33.0	47.0
PG42	58	58	18	65	35.5	40.0	54.0
PG48	64	64	18	67	40.5	47.5	59.3
M 12x1.5	14	14	13	33	6.5	7.2	12
M 16x1.5/7	14	18	13	33	6.5	7.2	16
M 16x1.5/9	17	18	13	33	8.5	9.2	16
M 20x1.5/11	20	22	13	34	10.5	11.2	20
M 20x1.5/13	22	22	13	35	12.5	13.1	20
M 25x1.5/16	24	27	14	37	15.2	15.6	25
M 25x1.5/21	30	30	14	43	18.5	20.1	25
M 32x1.5/21	30	34	14.5	44	18.5	20.1	32
M 32x1.5/29	40	40	14.5	51	25.0	26.2	32
M 40x1.5	40	42	14.5	51	25.0	26.2	40
M 50x1.5	50	55	15.5	57	30.5	33.0	50
M 63x1.5	58	70	16.5	64	35.5	40.0	63



*Clamping ring made of polyoxymethylene (POM), temperature range -30°C to +95°C (-22°F to 203°F)