

key words:  
liquid tight strain relief  
cable gland  
cord grip

**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 tight and watertight
- Completely twist protected
- Combinable with various sealing inserts

**Applications:**

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

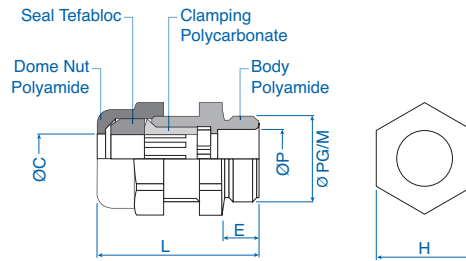


**ECA Clamping Ring Polyamide**

Outer thread	Clamping range mm	Cat. No. Light Grey	Cat. No. Black	Std. Pk.
<b>PG</b>				
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
<b>Metric</b>				
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



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



Thread Size	Dimensions					
	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
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

*Locknuts and seal rings sold separately, see pages 24 and 35.*

# Cable Gland *Industrial Straight-Through - PVDF*

## Material:

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

## Characteristics:

- Metric thread
- ECA clamping ring

## Temperature Range

-40 to 120°C  
(-40 to 248°F)

## Technical properties:

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

## Applications:

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



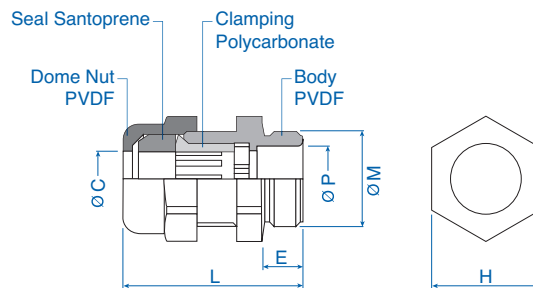
## Metric Thread

### ECA

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
M 16 x 1.5	5-8	5330016	50
M 20 x 1.5/13	8-12	5330020	50
M 20 x 1.5/16	10-14	5330021	50
M 25 x 1.5	11.5-18	5330025	20
M 32 x 1.5	15-24	5330032	20

### Dimensions

Thread Size	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



Locknuts and seal rings sold separately, see pages 24 and 35.

**Material:**

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

**Characteristics:**

- PG/Metric thread
- Extended Thread available

**Temperature Range**

-25 to 120°C  
(-13 to 248°F)

**Technical properties:**

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

**Applications:**

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

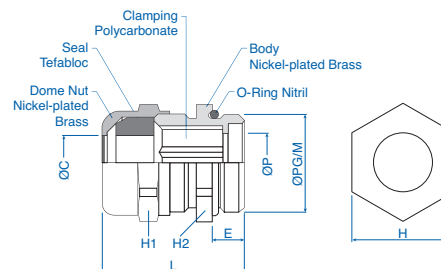


## ECA Clamping Ring Nickel-Plated Brass

**ECA**

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
<b>PG</b>			
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
<b>Metric</b>			
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

Thread Size	Dimensions				ØC mm	ØP mm	ØPG/M mm
	H1 mm	H2 mm	E mm	L 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



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

Locknuts sold separately, see page 25.