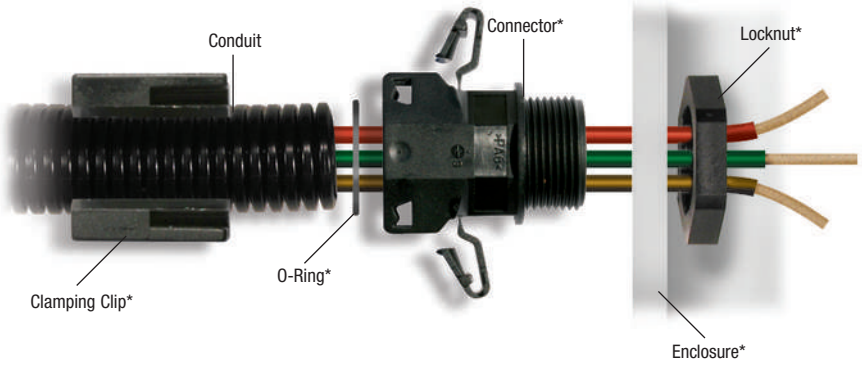


PROTECTION IP65 / IP68 RATING

without sealing **with O-Ring**

Material:
- Polyamide 6

Upper temperature range:
- Short-term: 150°C, (302°F)

Characteristics:
- Parallel corrugated
- Gray available

Technical properties:
- Flame retardant according to FMVSS302 and UL94
- Halogen free
- Durable
- UV resistant according to DIN EN ISO 8580

Applications:
Engine compartment, car body and interior, machines, instruments, devices, ship and train building, switch cabinet and movable machine parts.

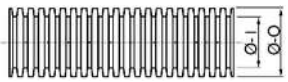


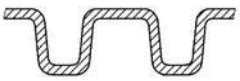
Other materials and styles available, please consult Altech.

Temperature Range PA 6
-40 to 120°C (-40 to 248°F)

UL® E81472

NW	Ø-I mm	Ø-O mm	Bending Radius mm	Cat. No. Black	Std. Pk. Meters
7.5	6.7	10.0	13	**1200070**	50
8.5	8.4	11.7	15	**1200089**	50
10	9.9	13.0	20	**1200100**	50
12	12.2	15.7	30	**1200127**	50
13	12.7	15.8	35	**1200135**	50
14	14.2	18.5	40	**1200143**	50
16	15.0	18.9	45	**1200160**	50
17	16.6	21.2	45	**1200178**	50
19	19.3	24.3	50	**1200194**	50
22	21.3	25.4	50	**1200224**	50
23	23.2	28.3	55	**1200232**	50
26	25.8	31.2	60	**1200267**	25
29	29.0	34.5	65	**1200291**	25
37	36.0	42.4	90	**1200372**	25
50	47.7	54.0	100	**1200500**	25





Fitting conduit glands and accessories: see pages 37-39.

* Locknuts sold separately, seep page 23.

Conduit Gland SEM-FAST Straight / Quick-Mounting System for Polyflex PA 6 Conduit

Material:
- Polyamide 66

Technical properties:
- Easy and tight single hand mounting
- Insert tube in the "closed" gland
- Special click- in system
- Conical sealing on the corrugated tube
- Gray available
- Thread side sealed by integral sealing ridges
- Conduit can be rotated within the mounting gland
- Halogen free

Applications:
- All fields using conduit

Mounting instructions:
Insert the conduit with a short twist all the way into the end of the SEM conduit gland.
Pull the tube back slightly to latch it securely.

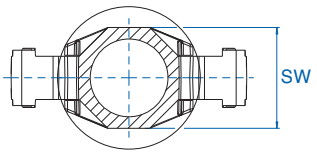
PROTECTION IP65 / IP68 * RATING

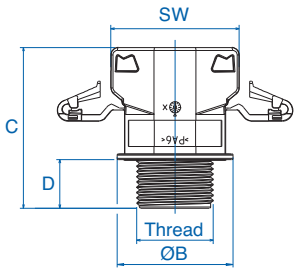
Pending



Temperature Range PA 6
-40 to 120°C (-40 to 248°F)

Thread	Fits for NW	D mm	SW mm	A mm	B mm	C mm	Cat. No. Black	Std. Pk.
PG								
PG 7	7.5	11.0	14.0	19.0	18.0	34.0	**3805028**	50
PG 7	8.5	11.0	16.0	20.6	20.0	35.0	**3805012**	50
PG 9	10	12.0	17.0	21.6	22.0	36.0	**3805004**	50
PG 11	12 + 13	12.0	20.0	25.5	25.0	38.0	**3805009**	50
PG 16	17	13.0	27.0	34.5	31.0	43.0	**3805006**	50
PG 21	22	13.0	32.0	40.5	36.0	48.0	**3805023**	25
PG 21	23	13.0	34.0	42.5	38.0	48.0	**3805014**	25
PG 29	29	15.0	41.0	49.5	46.0	52.0	**3805016**	20
PG 36	37	17.0	50.0	59.0	55.0	62.0	**3805018**	10
PG 48	50	19.0	64.0	72.0	72.0	68.0	**3805021**	5
Metric								
M 12 x 1.5	7.5	11.0	14.0	19.0	18.0	34.0	**3805047**	50
M 12 x 1.5	8.5	11.0	16.0	20.6	20.0	35.0	**3805011**	50
M 16 x 1.5	10	12.0	17.0	21.6	22.0	36.0	**3805001**	50
M 20 x 1.5	12 + 13	12.0	20.0	25.5	25.0	38.0	**3805008**	50
M 20 x 1.5	17	13.0	27.0	34.5	31.0	43.0	**3805002**	50
M 25 x 1.5	22	13.0	32.0	40.5	36.0	48.0	**3805022**	25
M 25 x 1.5	23	13.0	34.0	42.5	38.0	48.0	**3805013**	25
M 32 x 1.5	29	15.0	41.0	49.5	46.0	52.0	**3805015**	20
M 40 x 1.5	37	17.0	50.0	59.0	55.0	62.0	**3805017**	10
M 63 x 1.5	50	19.0	64.0	72.0	72.0	68.0	**3805020**	5





*With O-ring, see page 39. Locknuts sold separately, seep page 23.

Conduit Gland SEM-FAST angled 90° / Quick-Mounting System for Polyflex PA 6 Conduit

Material:
- Polyamide 66

Technical properties:
- Easy and tight single hand mounting
- Insert tube in "closed" gland
- Special click- in system
- Conical sealing on the corrugated tube
- Thread side sealed by integral sealing ridges
- Gray available
- Conduit can be rotated within the mounting gland
- Halogen free

Applications:
All fields using conduit

Mounting instructions:
Insert the conduit with a short twist all the way into the end of the SEM conduit gland.
Pull the tube back slightly to latch it securely.

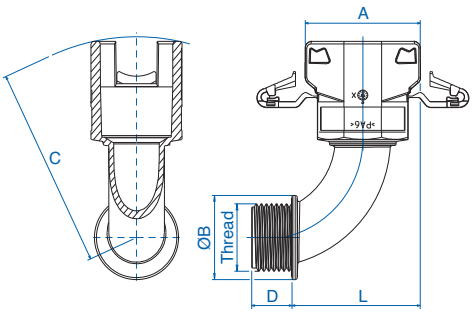
Pending

PROTECTION IP65 / IP68 RATING *



Temperature Range PA 6
-40 to 120°C (-40 to 248°F)

Thread	Fits NW	D mm	L mm	A mm	B mm	C mm	Cat. No. Black	Std. Pk.
PG								
PG 9	10	12.0	29.0	21.6	20.0	50.0	**3805201**	50
PG 11	12 + 13	12.0	34.0	25.5	25.0	54.6	**3805207**	50
PG 16	17	13.0	44.5	34.5	31.0	65.8	**3805213**	25
PG 21	23	13.0	51.5	42.5	38.0	74.1	**3805219**	20
PG 29	29	15.0	63.5	49.5	48.0	86.8	**3805225**	10
PG 36	37	17.0	74.5	59.0	56.0	104.8	**3805231**	10
PG 48	50	19.0	99.8	72.0	72.0	129.0	**3805237**	5
Metric								
M 16 x 1.5	10	12.0	29.0	21.6	20.0	50.0	**3805200**	50
M 20 x 1.5	12 + 13	12.0	34.0	25.5	25.0	54.6	**3805206**	50
M 20 x 1.5	17	12.0	38.5	34.5	25.0	59.7	**3805211**	25
M 25 x 1.5	23	13.0	48.5	42.5	31.0	71.3	**3805217**	20
M 32 x 1.5	29	13.0	54.5	49.5	38.0	77.2	**3805223**	10
M 40 x 1.5	37	15.0	68.5	59.0	48.0	95.6	**3805229**	10
M 63 x 1.5	50	19.0	99.8	72.0	72.0	129.0	**3805236**	5



*With O-ring, see page 39. Locknuts sold separately, seep page 23.

O-Ring for Corrugated Tubes and Clamping Clips

Material:
• NBR 70

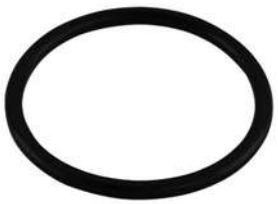
Characteristics:
• Shore: 70 ± 5

Features:
The O-ring must be mounted into the first groove of the conduit

The conduit, with its pre-mounted sealing ring, must be inserted into the SEM gland and simply twisted into the end.

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

Fits for NW	Internal Diameter mm	Thickness mm	Cat. No.	Std. Pk.
7.5	5.0	1.5	**8112800**	50
8.5	7.0	1.2	**8112801**	50
10	7.0	1.5	**8112802**	50
12	9.0	1.5	**8112804**	50
13	8.0	1.6	**8112803**	50
17	14.0	1.8	**8112807**	50
22	14.0	2.0	**8112808**	25
23	18.0	2.0	**8112809**	25
29	20.0	2.5	**8112810**	20
37	24.0	2.5	**8112811**	10
50*	28.0	2.5	**8112813**	5



* NW50 parts require 2 o-rings (one in first and one in secon groove of corrugated tube).

Clamping clip for conduit tubes

Material:
• Polyamide

Color:
• Black

Technical Properties:
• Stackable
• Quick mounting of conduits
• Center rib for traction relief

Temperature Range
-40 to 105°C (-40 to 221°F)

Suitable for NW	B mm	H mm	h mm	L mm	d mm	Cat. No.	Std. Pk.
7.5	20.0	18.0	12.0	20.0	4.2	**8221050**	100
10	20.0	23.0	15.5	20.0	5.5	**8221051**	100
12 + 13	22.0	26.0	17.1	20.0	5.5	**8221052**	50
14 + 16	28.0	33.0	21.1	20.0	6.5	**8221053**	50
17	28.0	33.0	21.4	20.0	6.5	**8221054**	50
23	35.0	40.0	24.8	20.0	6.5	**8221055**	50
29	43.0	45.0	26.8	20.0	6.5	**8221056**	50
37	54.0	53.0	30.8	20.0	6.5	**8221057**	20
50	68.0	66.0	37.8	20.0	6.5	**8221058**	20



