

Peppers Cable Glands Limited

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Cable Gland Type PF - (Single Compression Nylon Gland)

Ex e : Ex tD A21 : IP68



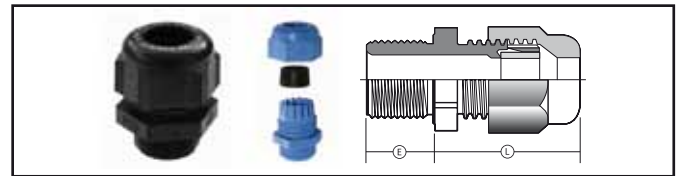
Peppers "PF" type glands, certified Increased Safety Ex e are suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Group II. They are manufactured from polyamide and provide a controlled pull resistant displacement seal on the cable outer sheath providing both Ex e & IP protection. The gland has been tested to IP66 & IP68 to 50 metres and is fully compliant with the Ex e standard with no reduced impact restriction. Available in black or blue, in a range of thread forms complete with an IP flat washer on metric entry threads.

Compliance: EN 60079-0, EN 60079-7, EN 61241-0, EN 61241-1
Standard: IEC 60079-0, IEC 60079-7, IEC 61241-0, IEC 61241-1 & IEC 60529

Certification: ATEX II 2 GD Ex e II / Ex tD A21
 IECEx Ex e II / Ex tD A21
 GOST-R Ex e IIU
 UL ANSI/UL514B
 CSA CAN/CSA C22.2
 VDE DIN EN 50262 / VDE 0619
 LLOYD'S Enclosure Systems (Part 1B)

Certificate No.: ATEX LCIE 07ATEX6082X/02
 IECEx LCI 10.0008X
 GOST POCC FR M14.B00153
 UL E306665
 CSA E306665
 VDE 131210
 LLOYD'S 10/00056

Options: Colour - Black / Blue
 Industrial Non-Ex version - Omit "E" from part number



Operating Temperature: M16-M63 -35°C to +95°C
 M12 -20°C to +80°C

Materials: Polyamide

IP Rating: IP66 & IP68 (50 metres - 30 minutes)

Impact Resistance: 7Nm

Optional Accessories: Nylon Locknut / IP Washers

CABLE GLAND SELECTION TABLE													
Gland Size	Entry Thread Size	Nominal Protrusion [L]	Cable Sealing Range		ISO Thread Length Standard [E]	Part Number		ISO Thread Length Long [E]	Part Number		Dimensions/Weight		
			Min	Max		Standard Thread			Long Thread		Across Flats	Across Corners	Weight Kgs
						Blue	Black		Blue	Black			
12	M12 x 1.5	23.0	4.0	6.5	8.0	PF7421200E	PF8021200E	15.0	PF7431200E	PF8031200E	15.0	16.5	0.003
16	M16 x 1.5	28.0	5.0	8.0	10.0	PF7421650E	PF8021650E	15.0	PF7431650E	PF8031650E	19.0	22.0	0.009
16	M16 x 1.5	28.0	5.0	10.0	10.0	PF7421600E	PF8021600E	15.0	PF7431600E	PF8031600E	22.0	24.5	0.009
20	M20 x 1.5	28.0	7.0	12.0	10.0	PF7422050E	PF8022050E	15.0	PF7432050E	PF8032050E	24.0	28.0	0.010
20	M20 x 1.5	28.0	10.0	14.0	10.0	PF7422000E	PF8022000E	15.0	PF7432000E	PF8032000E	27.0	30.3	0.010
25	M25 x 1.5	36.0	10.0	14.0	10.0	PF7422550E	PF8022550E	15.0	PF7432550E	PF8032550E	33.0	37.0	0.021
25	M25 x 1.5	36.0	12.0	18.0	10.0	PF7422500E	PF8022500E	15.0	PF7432500E	PF8032500E	33.0	37.0	0.021
32	M32 x 1.5	42.0	16.0	25.0	10.0	PF7423200E	PF8023200E	15.0	PF7433200E	PF8033200E	42.0	47.0	0.038
40	M40 x 1.5	52.5	22.0	32.0	10.0	PF7424000E	PF8024000E	16.0	PF7434000E	PF8034000E	53.0	59.8	0.078
50	M50 x 1.5	54.5	28.0	38.5	12.0	PF7425000E	PF8025000E	16.0	PF7435000E	PF8035000E	60.0	67.6	0.088
63	M63 x 1.5	55.5	40.0	48.0	12.0	PF7426300E	PF8026300E	16.0	PF7436300E	PF8036300E	70.0	78.3	0.128

All dimensions in mm

CABLE GLAND SELECTION TABLE										
Gland Size	Entry Thread Size	Nominal Protrusion Length [L]	Cable Sealing Range		Thread Length	Part Number		Dimensions/Weight		
			Min	Max		Blue	Black	Across Flats	Across Corners	Weight Kgs
16	3/8" NPT	27.0	5.0	8.0	11	PF7440800E	PF8040800E	19.0	22.0	0.008
20	1/2" NPT	27.0	7.0	12.0	14	PF7441200E	PF8041200E	24.0	26.8	0.010
25	3/4" NPT	35.0	12.0	18.0	15	PF7442000E	PF8042000E	33.0	37.0	0.021
32	1" NPT	41.0	16.0	25.0	18	PF7442800E	PF8042800E	42.0	47.0	0.038

All dimensions in mm

Notes:

- * The user should seek expert advice if intending to combine flammable and combustible dust in one environment/installation.
- * Assembly instructions must be read prior to installation and adhered to in full.
- * If used in a threaded entry, NPT versions may protrude more than "L" length due to engagement of tapered threads.
- * Industrial Non-Ex versions are not supplied with IP thread sealing washer.
- * Industrial Non-Ex versions are only available in Black.