



SOLO LOW SMOKE & FUME RANGE



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS

FURSE EARTHING

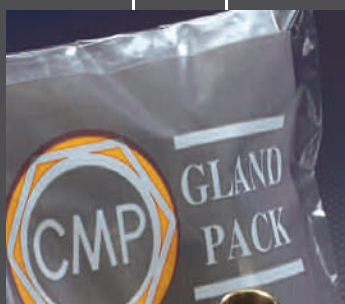
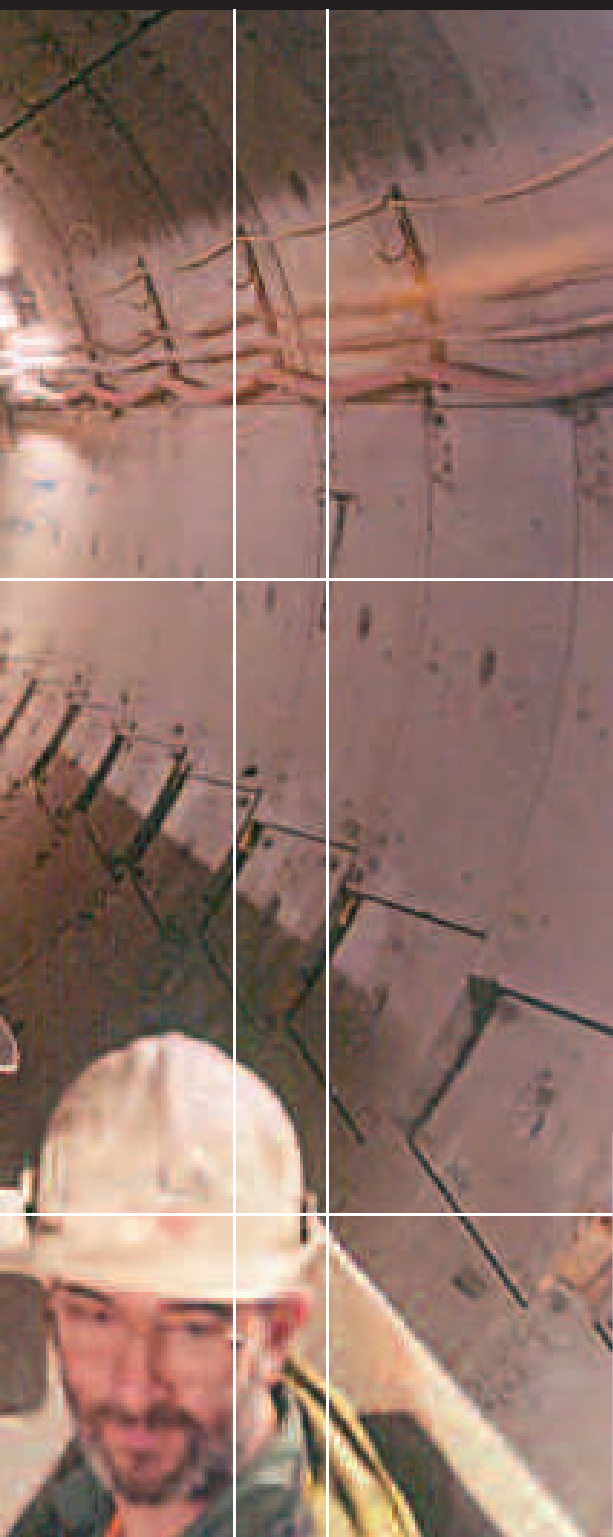
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■ APPLICATION

The outstanding safety benefits of low smoke and fume (LSF) or halogen free cables materials have already led to their increased use in areas considered to be potentially at risk in situations of fire hazard. Typical examples are in tunnels, deep bore underground metro systems, and public buildings where the risk of smoke inhalation, in the event of fire, is at its greatest. The CMP SOLO LSF range of cable glands and accessories meets the most stringent requirements and provide a single, simple solution for specifiers and users in meeting LSF and Halogen Free requirements.

■ PRODUCTS

The CMP SOLO LSF option can be provided for all types of cable glands shown in this catalogue.

■ SPECIFICATIONS & APPROVALS

Designed and tested for compliance with EN 50267-2-1, the Test on Gases Evolved During Combustion of Materials applied to cables under fire conditions.

Meets the requirements of London Underground Ltd Fire Safety Regulations.

■ TO ORDER GLAND KITS

Add LSF2RA after the gland size and type e.g. 25CWLSF2RA to denote that a Gland Kit is required.

BW SOLO LSF Industrial Cable Gland Kit

Brass indoor cable gland kit for all types of SWA cable, providing mechanical cable retention, and electrical continuity via armour wire termination. The cable gland kit includes CMP SOLO LSF Shrouds.

TECHNICAL DATA

Type	BW SOLO-Kit
Cable Gland Kit Contents	Up to & including size 25 - 2 cable glands, 2 locknuts, 2 earth tags & 2 LSF shrouds. Size 32 & above - 1 cable gland, 1 locknut, 1 earth tag & 1 LSF shroud.
Design Specification	BS6121 : 2005
Cable Gland Material	Brass
Continuous Operating Temperature	-60° C to +150° C
Cable Type	Single Wire Armour
Armour Clamping	Two Part Armour Lock



CW SOLO LSF Industrial Cable Gland Kit

Brass indoor and outdoor cable gland kit for all types of SWA cable, providing environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention, and electrical continuity via armour wire termination. The cable gland kit includes CMP SOLO LSF shrouds and seals.

TECHNICAL DATA

Type	CW SOLO-Kit
Cable Gland Kit Contents	Up to & including size 25 - 2 cable glands, 2 locknuts, 2 earth tags & 2 LSF shrouds. Size 32 & above - 1 cable gland, 1 locknut, 1 earth tag & 1 LSF shroud.
Design Specification	BS6121 : Part 1 : 1989, EN50262:1999
Cable Gland Material	Brass
Continuous Operating Temperature	-60° C to +150° C
Cable Type	Single Wire Armour
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring



Note : Ferrule colour coded gold for ease of LSF identification.

Cable Gland Selection Table

Cable Gland Size	Metric Entry Thread	Minimum Thread Length	BW SOLO		Ordering Reference	LSF Shroud Reference	CW SOLO			Ordering Reference	LSF Shroud Ref.	Armour Wire Diameter
			Cable Bedding Diameter	Overall Cable Diameter			Cable Bedding Diameter	Overall Cable Diameter				
			Max.	Max.				Max.-	Min			
20S/16	M20	15.0	-	-	-	-	8.7	6.1	11.5	20S16CWLSF2RA	LSF02	0.9
20S	M20	10.0	11.7	16.1	20SBWLSF2RA	LSF01	11.7	9.5	15.9	20SCWLSF2RA	LSF04	0.9/1.25
20	M20	10.0	14.0	21.1	20BWLSF2RA	LSF05	14.0	12.5	20.9	20CWLSF2RA	LSF06	0.9/1.25
25	M25	10.0	20.0	27.4	25BWLSF2RA	LSF07	20.0	18.2	26.2	25CWLSF2RA	LSF09	1.25/1.6
32	M32	10.0	26.3	34.4	32BWLSF2RA	LSF10	26.3	23.7	33.9	32CWLSF2RA	LSF11	1.6/2.0
40	M40	15.0	26.3	42.4	40BWLSF2RA	LSF12	32.2	27.9	40.4	40CWLSF2RA	LSF15	1.6/2.0
50S	M50	15.0	38.2	50.1	50SBWLSF2RA	LSF16	38.2	35.2	46.7	50SCWLSF2RA	LSF18	2.0/2.5
50	M50	15.0	44.1	55.7	50BWLSF2RA	LSF19	44.1	40.4	53.1	50CWLSF2RA	LSF21	2.0/2.5
63S	M63	15.0	50.0	62.4	63SBWLSF2RA	LSF22	50.0	45.6	59.4	63SCWLSF2RA	LSF23	2.5
63	M63	15.0	56.0	68.2	63BWLSF2RA	LSF24	56.0	54.6	65.9	63CWLSF2RA	LSF25	2.5
75S	M75	15.0	62.0	76.8	75SBWLSF2RA	LSF27	62.0	59.0	72.1	75SCWLSF2RA	LSF28	2.5
75	M75	15.0	68.0	82.9	75BWLSF2RA	LSF29	68.0	66.7	78.5	75CWLSF2RA	LSF30	2.5/3.15
All dimensions in millimetres												

All dimensions in millimetres

E1W SOLO LSF Industrial Cable Gland Kit

Cable gland kit for all types of SWA cable, providing environmental seal on the cable Inner Bedding and Outer Sheaths. The cable gland also provides mechanical cable retention, and electrical continuity via armour wire termination. The cable gland kit includes CMP SOLO LSF shrouds and seals.



TECHNICAL DATA

Type	E1W SOLO-Kit
Cable Gland Kit Contents	Up to & including size 25 - 2 cable glands, 2 locknuts, 2 earth tags & 2 LSF shrouds. Size 32 & above - 1 cable gland, 1 locknut, 1 earth tag & 1 LSF shroud.
Design Specification	BS6121 : Part 1 : 1989, EN50262:1999
Cable Gland Material	Brass
Continuous Operating Temperature	-60° C to +150° C
Cable Type	Single Wire Armour
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring

Note : Ferrule colour coded gold for ease of LSF identification..

A2 SOLO LSF Industrial Cable Gland Kit

Cable gland kit for all types of Unarmoured cable, providing a seal on the Cable Outer Sheath. The cable gland kit includes CMP SOLO LSF shrouds and seals.



TECHNICAL DATA

Type	A2 SOLO-Kit
Cable Gland Kit Contents	Up to & including size 25 - 2 cable glands, 2 locknuts, 2 earth tags & 2 LSF shrouds. Size 32 & above - 1 cable gland, 1 locknut, 1 earth tag & 1 LSF shroud.
Design Specification	BS6121 : Part 1 : 1989, EN50262:1999
Cable Gland Material	Brass
Continuous Operating Temperature	-60° C to +150° C
Cable Type	Unarmoured

Cable Gland Selection Table

Cable Gland Size	Metric Entry Thread	Minimum Thread Length	A2 SOLO		Ordering Reference	LSF Shroud Reference	E1W SOLO				Ordering Reference	LSF Shroud Reference	Armour Wire Diameter
			Overall Cable Diameter				Cable Bedding Diameter		Overall Cable Diameter				
							Min	Max	Min	Max			
20S/16	M20	15.0	3.1	8.7	20S16A2LSF2RA	LSF01	3.1	8.7	6.1	11.5	20S16E1WLSF2RA	LSF02	0.9
20S	M20	10.0	6.1	11.7	20SA2LSF2RA	LSF03	6.1	11.7	9.5	15.9	20SE1WLSF2RA	LSF04	0.9/1.25
20	M20	10.0	6.5	14.0	20A2LSF2RA	LSF05	6.5	14.0	12.5	20.9	20E1WLSF2RA	LSF06	0.9/1.25
25	M25	10.0	11.1	20.0	25A2LSF2RA	LSF08	11.1	20.0	18.2	26.2	25E1WLSF2RA	LSF09	1.25/1.6
32	M32	10.0	17.0	26.3	32A2LSF2RA	LSF10	17.0	26.3	23.7	33.9	32E1WLSF2RA	LSF11	1.6/2.0
40	M40	15.0	22.0	32.2	40A2LSF2RA	LSF12	22.0	32.2	27.9	40.4	40E1WLSF2RA	LSF15	1.6/2.0
50S	M50	15.0	29.5	38.2	50SA2LSF2RA	LSF14	29.5	38.2	35.2	46.7	50SE1WLSF2RA	LSF18	2.0/2.5
50	M50	15.0	35.6	44.1	50A2LSF2RA	LSF17	35.6	44.1	40.4	53.1	50E1WLSF2RA	LSF21	2.0/2.5
63S	M63	15.0	40.1	50.0	63SA2LSF2RA	LSF20	40.1	50.0	45.6	59.4	63SE1WLSF2RA	LSF23	2.5
63	M63	15.0	47.2	56.0	63A2LSF2RA	LSF22	47.2	56.0	54.6	65.9	63E1WLSF2RA	LSF25	2.5
75S	M75	15.0	52.8	62.0	75SA2LSF2RA	LSF24	52.8	62.0	59.0	72.1	75SE1WLSF2RA	LSF28	2.5
75	M75	15.0	59.1	68.0	75A2LSF2RA	LSF26	59.1	68.0	66.7	78.5	75E1WLSF2RA	LSF30	2.5/3.15
All dimensions in millimetres													

All dimensions in millimetres