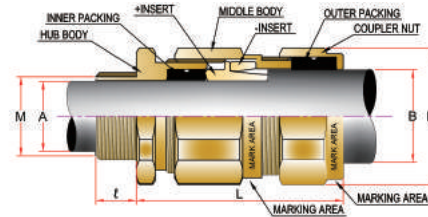


# OS-E1UF



## Application : Any Type of Armoured Cable

- For use with any type of armoured cable
- Outdoor & Indoor use
- Flameproof & Increased Safety
- EMC cable gland. (360° contact) - EMC tested
- Reduce the effect of coldflow characteristics
- Double compression

Design Specification	BS 6121, IEC 62444, EN 50262
Compliance Standard	IEC/EN 60079-0, 1, 7, 31
ATEX Certification	Presafe 17 ATEX 11456X
IECEx Certification	IECEx PRE 17.0063X
Code of Protection	II2G Ex db IIC Gb, Ex eb IIC Gb, II2D Ex tb IIC Db
Operating Temperature	-60 °C ~ 110 °C
Regulation	Zone 1,2 & 21,22, Gas Group IIA, IIB, IIC, Dust Group IIIA, IIIB, IIIC
Ingress Protection	IP 66 / 67 IP 68 available when requested only
Applicable Cable Specification	All types of armoured cable
Gland Material	Nickel plated brass(standard), Brass(only), Stainless steel(316L), Aluminium
Gasket (washer)	Nylon(Standard), PTFE-Teflon(Option)
Packing	Silicone
Accessories (optional)	Lock nut, Sealing washer, Earth tag, Shroud, Serrated washer

## Order Example

Part No.	Thread	Material	Accessories
OS-E1UF 20	M20	Nickel plated brass	Lock nut, Sealing washer, Earth tag, Serrated washer, Shroud

- Optional Thread Length : ≥15mm (Standard : M16 ~ M63 Length 15mm, M75 Length 20mm, M90 ~ M115 Length 25mm)
- Material for accessories is required

### BS 6121 Type of Gland (The suffix for each type of protection)

Single wire armoured	W
Wire braided	X
Aluminium strip armoured	Y
Double steel tape armoured	Z



(\* in mm)

Part No.	Entry Thread Size(M)			Thread Length(ℓ) - Min			Cable Dia		Armour Size		Hexagon Dimensions	Weight (g)	Length (L)
	Metric	NPT	Option	Metric	NPT	Option	Inner 'A'	Outer 'B'	Wire	Braid			
OS-E1UF 16	M16	1/2"	M20	15	15	15	5 ~ 11.5	9 ~ 15.5	0.9 ~ 1.25	0.05 ~ 0.8	H25 x P27	137	56
OS-E1UF 20	M20	1/2"	3/4"	15	15	16	7.5 ~ 15.2	14 ~ 20.5	0.9 ~ 1.25	0.05 ~ 0.8	H31 x P34	212	63
OS-E1UF 25	M25	3/4"	1"	15	16	18	13 ~ 19.6	17 ~ 26	1.25 ~ 1.6	0.05 ~ 0.8	H37 x P40	325	68
OS-E1UF 32	M32	1"	1-1/4"	15	18	19	16.5 ~ 26.2	24 ~ 33.5	1.6 ~ 2.0	0.05 ~ 1.2	H47 x P50	570	75
OS-E1UF 40	M40	1-1/4"	1-1/2"	15	19	21	23 ~ 32.3	30 ~ 41.5	1.6 ~ 2.0	0.05 ~ 1.2	H56 x P60	876	83
OS-E1UF 50	M50	1-1/2"	2"	15	21	24	29 ~ 41.5	38 ~ 50	1.8 ~ 2.5	0.05 ~ 1.2	H70 x P75	1445	89
OS-E1UF 63	M63	2"		15	24		39 ~ 50	45 ~ 60	1.8 ~ 2.5	0.05 ~ 1.2	H77 x P82	1740	98
OS-E1UF 63X	M63		2-1/2"	15		27	46 ~ 55	55 ~ 66	1.8 ~ 2.5	0.05 ~ 1.2	H82 x P88	1907	98
OS-E1UF 75	M75	2-1/2"		20	27		52 ~ 61	58 ~ 72	1.8 ~ 2.5	0.05 ~ 1.2	H92 x P100	3270	109
OS-E1UF 75X	M75		3"	20		30	59 ~ 67	66.1 ~ 79	1.8 ~ 2.5	0.05 ~ 1.2	H98 x P106	2912	109
OS-E1UF 90	M90	3"	3-1/2"	25	30	32	66 ~ 80	72 ~ 90	1.8 ~ 3.0	0.05 ~ 1.6	H110 x P120	4600	111
OS-E1UF 100	M100	3-1/2"	4"	25	32	32	76 ~ 90.5	84 ~ 101.5	1.8 ~ 3.0	0.05 ~ 1.6	H125 x P135	5500	123
OS-E1UF 115	M115	4"		25	32		88 ~ 102	100 ~ 116	1.8 ~ 3.0	0.05 ~ 1.6	H135 x P143	5500	123

※ The entry holes need not greater than 0.7mm

※ Up to M75, 1.5 pitch is standard and from M90, 2.0 pitch is standard