



### E1FUFC Ex "d" Cable Gland

**Size** : 16mm to 50mm & 3/8" to 1 1/2"

**Standard** : EN60079-0:2018,  
EN60079-1:2014, EN60079-31:2014/2013

**Application** : For indoor & outdoor hazardous area use with all types of Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Aluminium Strip Armour (ASA) providing flameproof seal on cable inner sheath and environmental seal on cable outer sheaths. Also provides mechanical retention & electrical continuity via armour wire termination with swivel flexible conduit connection. Designed to prevent cold flow.

**EAC Certificate No.** : TC RU C-IN.ГБ08.B.02588

**Code of Protection** : Ex db IIC Gb, Ex tb IIIC Db

**Ingress Protection** : IP66 as per EN 60529.

**Operating Temp.** : -60°C to +125°C

**Material** : Brass CW614N/CW617N/EN12165,  
Stainless Steel 316L

**Thread** : Metric, NPT, BSP, ET

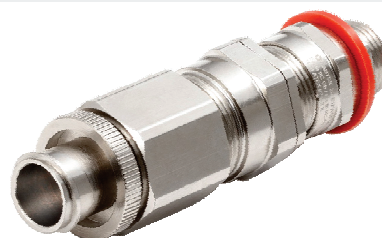
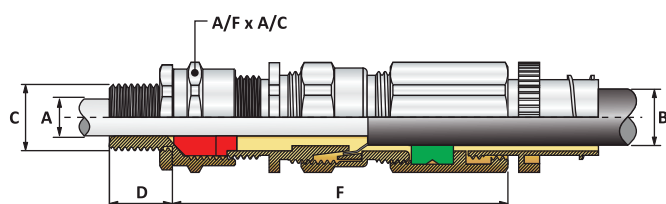
**Cable Type** : Single Wire Armour (SWA), Aluminium Wire Armour (AWA),  
Steel Tape Armour (STA), Aluminium Strip Armour (ASA)

**Features** : Displacement Seal and Universal Armoured Ring

**Seal Material** : LSOH Silicone Seal & Nylon Washer

**Standard Accessories** : IP Washer (Thread Seal )

**Optional Accessories** : Shroud, Lock Nut, Earth Tag, Serrated Washer,  
Ingress Disc



### Gland Selection Chart

Size	Standard Entry Thread "C"			Thread Length "D"	Entry Optional Thread "C"		Armoured Range		Cable Dia.			
	Metric	NPT/BSP	ET		Metric	NPT	Wire Armour (W)	Strip Armour (X)	Bedding Dia. "A"		Overall Dia. "B"	
									Min.	Max.	Min.	Max.
16	M16	3/8"	5/8"	15.00	-	-	0.90	0.30-1.00	3.10	8.60	6.10	13.10
20s16	M20	1/2"	3/4"	15.00	M25	3/4"	0.90-1.25	0.30-1.00	3.10	8.60	6.10	13.10
20s	M20	1/2"	3/4"	15.00	M25	3/4"	0.90-1.25	0.30-1.00	6.20	11.70	9.50	15.90
20	M20	1/2"	3/4"	15.00	M25	3/4"	0.90-1.25	0.40-1.00	6.50	13.90	12.50	20.90
25	M25	3/4"	1"	15.00	M32	1"	1.25-1.60	0.40-1.20	11.30	19.90	19.90	26.20
32	M32	1"	1 1/4"	15.00	M40	1 1/4"	1.60-2.00	0.40-1.20	17.00	26.20	23.70	33.90
40	M40	1 1/4"	1 1/2"	15.00	M50	1 1/2"	1.60-2.00	0.40-1.60	23.60	32.10	27.90	40.40
50s	M50	1 1/2"	2"	15.00	M63	2"	2.00-2.50	0.40-1.60	31.50	38.20	35.20	46.70
50	M50	2"	2"	15.00	M63	2 1/2"	2.00-2.50	0.60-1.60	35.80	44.00	40.40	53.00

### Conduit Pipe Detail

Ordering Suffix	Internal Diameter of Conduit B	Max. External Diameter of Conduit G
A010	9.50	15.00
A030	11.70	17.40
A040	13.00	20.00
A045	13.90	20.00
A050	15.60	21.60
A060	14.70	21.50
A066	16.90	23.40
A070	18.00	24.00
A075	18.70	25.00
A080	20.00	26.30
A105	20.70	27.00
A110	22.30	28.50
A115	23.70	32.00
A120	25.10	31.00
A250	28.10	35.80
A280	30.40	38.00
A285	32.00	38.00
A300	36.40	45.00
A385	38.00	45.50
A450	46.50	58.70
A500	51.20	61.00
A550	51.20	61.00

### Flexible Conduit Selection Table

Gland Size	Types of Conduits							
20s16	A010	A030	A045	A060	A066	-	-	-
20S	A050	A066	A070	A080	-	-	-	-
20	A050	A066	A070	A075	A080	A110	A120	A285
25	A105	A110	A115	A120	A250	A280	A285	A300
32	A250	A280	A300	A385	-	-	-	-
40	A300	A450	-	-	-	-	-	-
50S	A450	A500	A550	-	-	-	-	-
50	A450	A500	A550	-	-	-	-	-

Also available as per customer requirement

### Product Code for Ordering Purpose

Size	Type	Ordering Suffix for Conduit	Material	Thread Type	Shroud Type	Accessories
20s16	E1FUFC	A066	Brass-1	Standard Metric-11	PVC Shroud-PS	Lock Nut-5
			Stainless Steel-2	Standard NPT-12	LSF Shroud-LS	IP Washer-6
			Nickel Plated-3	ET Thread-13	LSOH Shroud-SL	Serrated Washer-7
				BSP Thread-15	PCP Shroud-PC	Ingress Disc-8
				Optional Metric-16		Earth Tag-9
				Optional NPT-17		
				Optional BSP-20		

### Ordering Information

**Code:** 20s16E1FUFC A066311PS569  
E1FUFC-20s16-A066 Nickel Plated Cable Gland Kit

20s16=Gland Size, E1FUFC=Gland Type, A066=Conduit Size,  
3= With Nickel Plated Material, 11=With Standard Metric Thread,  
PS= With PVC Shroud, 5=With Lock Nut, 6=With IP Washer, 9=With Earthing Tag