

SSU system stainless steel



IP40

Conduit

SSU



Construction: Stainless steel (grade 316L), helically wound, flexible conduit.

Color: Stainless steel, self color.

Typical Applications: Instrumentation and security or where enhanced corrosion performance is required.

EN 45545-2

NFPA 130

Fittings

M-SS

fixed external thread stainless steel

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.

IP40



metric thread part number

S-SS

swivel external thread stainless steel

Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.

IP40



metric thread part number

Ordering Notes

- Add reel length eg: SSU20-25M for 25m reel
- * Indicates parts made to order on request and may be subject to MOQ and lead time
- + Double interlock section
- † SSU12 Minimum bend radius is 50mm
- **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - alternative threads

Properties

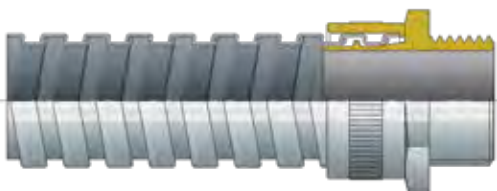
- High mechanical strength
- Highly flexible
- Inherently Low Fire Hazard (LFH) see page 71
- Fully compliant to LUL Std S1085 (Cert No. 296)
- Temperature range **-100°C to +600°C (SSU + SS fittings)**
- **-100°C to +400°C (SSU + NPB fittings)**
- IP rating: IP40
- **SSU is highly corrosion resistant**
- **Stainless steel (316L) fittings**
- **EN 45545 HL3 and NFPA130 compliant**

nominal size (mm)	SSU				
	part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
10	SSU10*	10, 25, 50	9.0	6.8	25
12	SSU12*	10, 25, 50	13.0	10.2	30†
16	SSU16	10, 25, 50	16.0	13.0	40
20	SSU20	10, 25	20.5	16.9	45
25	SSU25	10, 25	25.0	21.1	55
32	SSU32	10, 25	32.0	28.1	60
40	SSU40	10	42.5	37.6	80
50	SSU50	10	53.0	48.4	90

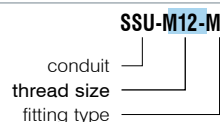
M-SS		S-SS	
metric thread part number		metric thread part number	
SSU10-M12-M		SSU10-M12-S	
SSU12-M16-M		SSU12-M16-S	
SSU16-M16-M		SSU16-M16-S	
SSU20-M20-M		SSU20-M20-S	
SSU25-M25-M		SSU25-M25-S	
SSU32-M32-M		SSU32-M32-S	
SSU40-M40-M			
SSU50-M50-M			

nominal size (mm)

Technical Drawing



How to read the fittings code



Standards



BS EN IEC 61386



EN 45545-2



NFPA 130

Note: refer to conduit properties for applicable standards