



The low smoke zero halogen (LSOH/LSZH) covered steel range is designed to provide high mechanical protection in a highly flexible format and is specifically recommended for use in public areas where there is either poor ventilation or where public safety is of concern.

It meets European guidelines regarding toxic gas emission and smoke density in case of fire and is ideal for use in train stations, train and bus building applications as well as closed areas, including: airports, tunnels, subway or underground stations and other infra-structure projects, hospitals, shopping centres, elevators, escalators and other public areas.

A unique vacuum extrusion process allows C-Series LSOH to have a thin TPU (thermoplastic polyurethane) jacket, which does not restrict the excellent flexibility characteristics of the galvanised steel inner core and also offers a degree of weatherproofing.



Technical Details

Temperature Range: -25°C to +80°C (intermittent up to 100°C)

Material: Galvanised steel core with TPU (thermoplastic polyurethane) jacket

Colour: Black

Ingress Protection: IP54

London Underground Approved: Currently for 20mm only (LUL 1-085 [2011])

Other Information: UL 360 – Flame Retardant

Oil/Sunlight Resistant

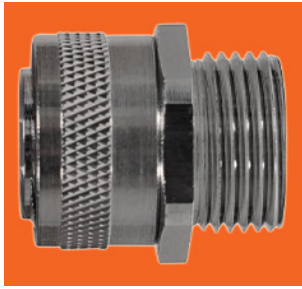
High Mechanical Strength

Low Fire Hazard & Smoke Density

Halogen Free

Manufactured to BS EN 61386

Product Code	Trade Size	Internal Diameter	External Diameter	Bending Radius	Coil Size
C12LSOH-25M	12mm	10.0mm	14.0mm	37mm	25m
C16LSOH-50M	16mm	13.0mm	17.0mm	50mm	50m
C20LSOH-50M	20mm	17.0mm	21.5mm	55mm	50m
C25LSOH-50M	25mm	21.0mm	26.0mm	75mm	50m
C32LSOH-50M	32mm	28.0mm	34.0mm	100mm	50m
C40LSOH-25M	40mm	37.7mm	45.0mm	115mm	25m
C50LSOH-25M	50mm	48.4mm	56.0mm	135mm	25m



Nickel Plated Brass Fixed Fittings

- **Material:** Nickel Plated Brass (10mm to 50mm), Die Cast Zinc (75 & 100mm)
- 2 Part Fitting (Body & Shell) for 10mm to 50mm fittings
- IP54

Product Code	Conduit Size	Thread Size	Pack Size
CF12	12mm	M16 x 1.5mm	10
CF16	16mm	M16 x 1.5mm	10
CF16-20	16mm	M20 x 1.5mm	10
CF20	20mm	M20 x 1.5mm	10
CF25	25mm	M25 x 1.5mm	10
CF32	32mm	M32 x 1.5mm	10
CF40	40mm	M40 x 1.5mm	2
CF50	50mm	M50 x 1.5mm	2



Nickel Plated Brass Swivel Fittings

- **Material:** Nickel Plated Brass
- 2 Part Fitting (Body & Shell)
- IP54

Product Code	Conduit Size	Thread Size	Pack Size
CF12S	12mm	M16 x 1.5mm	10
CF16S	16mm	M16 x 1.5mm	10
CF16-20S	16mm	M20 x 1.5mm	10
CF20S	20mm	M20 x 1.5mm	10
CF25S	25mm	M25 x 1.5mm	10
CF32S	32mm	M32 x 1.5mm	10
CF40S	40mm	M40 x 1.5mm	2
CF50S	50mm	M50 x 1.5mm	2



Nickel Plated Brass Swivel 90deg Elbow Fittings

- **Material:** Nickel Plated Brass
- 2 Part Fitting (Body & Shell)
- IP54

Product Code	Conduit Size	Thread Size	Pack Size
CF20S90E	20mm	M20 x 1.5mm	10



Nickel Plated Brass Plain Hole Fittings

- **Material:** Nickel Plated Brass
- 2 Part Fitting (Body & Shell)
- IP54

Product Code	Conduit Size	Thread Size	Pack Size
CF12P	12mm	n/a	10
CF16P	16mm	n/a	10
CF20P	20mm	n/a	10
CF25P	25mm	n/a	10
CF32P	32mm	n/a	10