

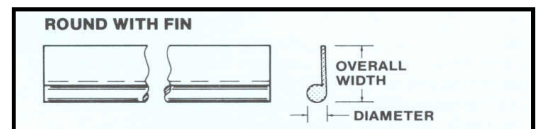
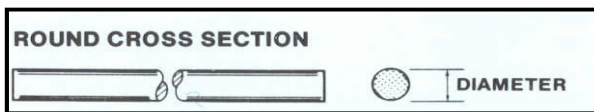
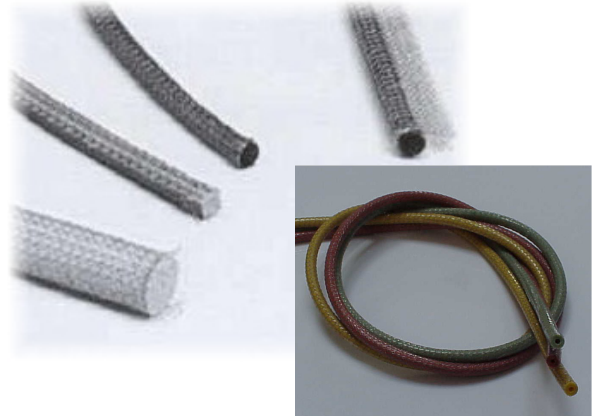
Section B

ELASTOMER CORED WIRE MESH

Codes - 813

DESCRIPTION

SURSHIELD knitted wire mesh is sleeved over silicone rubber tubing to give highly compressible, weather proof RFI/EMI gasket. Elastomer covered mesh combines the characteristics of knitted mesh (resiliency and conductivity) with the excellent compression and deflection properties of silicone rubber. It is an ideal gasket material for sheet metal housing and can also be used with castings and machined surfaces. The Silicone rubber tube provides a seal against dust, rain and air. For improved RFI/EMI shielding an additional layer of knitted wire mesh can be added. These gaskets can be retained in position in a similar manner to the all-metal gasket.



WIRE TYPES

Monel (M)
Tinned Copper (TC)
Stainless Steel (SS)
Copper (C)
Aluminium (A)
Silvered Copper (SC)

Outside Diameter mm	Inside Diameter mm	Part Number
3	1.5	49-0030-0015
4	1.5	49-0030-0015
5	3	49-0030-0030
6	3	49-0030-0030
8	5	49-0030-0050
10	6	49-0030-0060
11	8	49-0030-0080
13	10	49-0030-0100
14	11	49-0030-0110

Outside Diameter mm	Inside Diameter mm	Overall Width mm	Part Number
3	2	9	50-003-0090
5	3	18	50-005-0180
6	3	31	50-006-0310
10	6	23	50-010-0230

WIRE SPECIFICATIONS

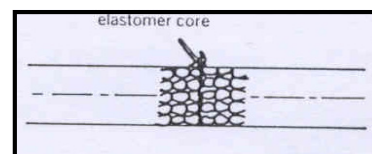
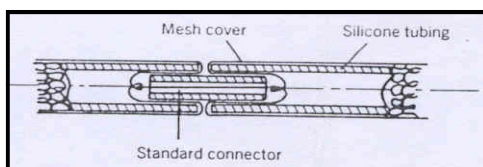
See page 10. Add "D" to metal type for double layer of knitted mesh or CK + colour for a coated knit-over product.

SILICONE SPECIFICATION

Standard colour: Grey Material Specification: DTD 5583

Temperature Range: -60°C to 200°C

CONNECTOR SYSTEM



A standard connector (51 series) can be supplied to suit the gasket size ordered and customers can cut the standard gasket to the required length. The method of joining to ensure the continuity of RFI/EMI shielding is to cut the wire mesh 40mm oversize, twist the ends and tuck into the silicone tubing, place the connector into both ends and secure with suitable adhesive, hook stitches of cover mesh and twist together across the joint to complete the connection.

ORDERING INFORMATION

Add letter prefix to part number for wire type selected. For example M50-005-0180 Specifies:- Monel, round with fin 5mm outside diameter with overall width of 18mm.

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