

Code 814-815

ELASTOMER SEALED WIRE MESH

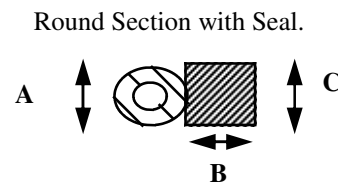
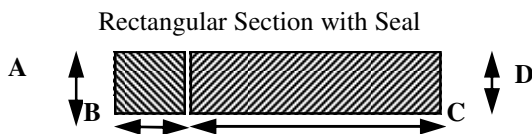
Section B

DESCRIPTION

SURSHIELD knitted wire mesh gaskets of the 46 and 49 series part numbers are combined in these products with an environmental seal, produced as a single element: they consist of an elastomer fluid or air sealing strip integrally bonded to an RFI/EMI shielding gasket. The standard elastomer sealing material is a closed cell neoprene rubber, but silicone sponge and other materials have also been successfully used. The round section knitted wire gaskets have an elastomer core, whilst the rectangular section types employ a solid resilient wire mesh. The standard sections are made without a fixing adhesive.

CUSTOMER PRODUCTS

Most sections can be provided with an adhesive backing on the environmental seal. The environmental seal can be made in alternative materials, where quantities warrant, and a further option is the manufacture of two RFI/EMI shielding gaskets, one on each side of the environmental seal. Alternatively, the shielding gasket can be sandwiched between two seals providing environmental protection.



Shielding Gaskets	Neoprene Fluid Seal	Part Number		
A (mm)	B (mm)	C (mm)	D (mm)	
2	3	6	2	71-0203-0602
2	3	9	2	71-0203-0902
2	3	12	2	71-0203-1202
2	3	15	2	71-0203-1502
3	3	6	3	71-0303-0603
3	3	9	3	71-0303-0903
3	3	12	3	71-0303-1203
3	3	15	3	71-0303-1503
3	3	19	3	71-0303-1903
3	4	6	3	71-0304-0603
3	5	6	3	71-0305-0603
3	6	6	3	71-0306-0603
3	6	12	3	71-0306-1203
3	6	19	3	71-0306-1903
3	13	12	3	71-0313-1203
5	3	6	5	71-0503-0605
5	3	9	5	71-0503-0905
5	3	12	5	71-0503-1205
5	3	15	5	71-0503-1505
5	6	15	5	71-0506-1505
5	6	19	5	71-0506-1905
6	3	6	6	71-0603-0606
6	3	9	6	71-0603-0906
6	3	12	6	71-0603-1206
6	3	15	6	71-0603-1506
6	6	19	6	71-0606-1906
9	6	12	9	71-0906-1209
9	6	15	9	71-0906-1509
9	6	19	9	71-0906-1909

Shielding Gasket Core	Neoprene Fluid Seal	Elastomer Core Material	Part Number
A (mm)	B (mm)	C (mm)	
3	3.5	3.5	Silicone tube 70-0030-0035
4	5.0	5.0	Silicone tube 70-0040-0050
5	6.0	6.0	Silicone tube 70-0050-0060

WIRE TYPES

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

WIRE SPECIFICATIONS

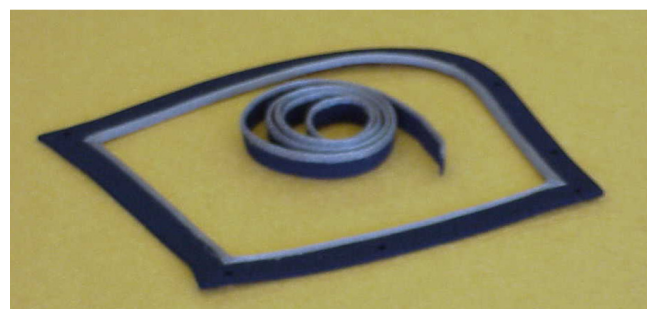
See separate sheet.

STANDARD LENGTHS

All these SURSHIELD sections are typically supplied in 10 metre lengths

ORDERING INFORMATION

Add letter prefix to part numbers above for the wire type selected. For example M70-0040-0050 Specifies:- Monel, silicone rubber cored 4mm diameter gasket with 5mm x 5mm cross-section environmental seal without adhesive backing. If a twin RFI/EMI shielding gasket is required, the standard part number is suffixed /T and if adhesive backed it is suffixed/A. Gaskets are specified by their drawing No.



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