

Knitted Wire Mesh over Elastomer Core

We stock and manufacture a wide range of elastomer cores which we can then knit over. Our standard product consists of two layers of either Monel, Aluminium, Stainless Steel or Aluminium. However, we have the ability to knit anything from 1 layer up to 7 layers. If you are using this type of gasket where you are shielding against EMP, then we would suggest no less than 7 layers.



Availability:

- O rings
- Continuous Lengths
- Fabricated gaskets
- With or without self-adhesive backing

How to order

Wire Code

Monel - 1
Aluminium - 2
TCS - 3
Stainless steel - 4

Style

Round - R
Rectangular - REC
Round with Fin - RWF
Twin Round with tail - TRWT

Material Code

Neo - Neoprene
EPDM - EPDM
SS - Solid Silicone
SSP - Silicone Sponge
STUBE - Silicone tube

Number of Layers

1 - 7

Overall OD

From 1mm up to 50mm

For Example: R-1-SS-2-0064 = Round Solid Silicone Profile with two layers of Monel Wire knitted over the core

Performance					
FREQUENCY	FIELD	MONEL	ALUMINIUM	TCS	S/STEEL
10KHz	H	45	40	60	40
100KHz	H	49	45	65	44
1MHz	H	60	60	85	58
1MHz	E	125	125	125	125
10MHz	E	120	120	120	120
100MHz	E	100	100	108	100
400MHz	P	98	95	99	94
1GHz	P	85	76	78	76
10GHz	P	80	65	62	60

