

Knitted Wire Mesh Moulded to Silicone/Fluorosilicone

EMCEMI's own manufactured Knitted Wire which is moulded in to a silicone or fluorosilicone carrier, is used to provide an environmental, as well as, an EMC/RFI sealing gasket. A typical application of these gaskets is in narrow grooves within electronic cabinets and enclosures. Also these gaskets are used when an environmental seal is needed to protect the EMC/RFI gasket.

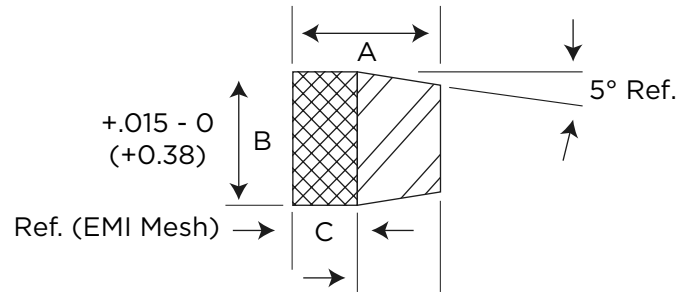
We can supply this as a complete O Ring or as continuous lengths, dependant on your requirement, you can have a wide choice of mesh as well as a choice of carrier.



How to order

Part Number	Gasket Dimensions			
	A	B	C	D
1	1.8	2.5	0.1	XXXXXX
2	2.4	3.2	1.2	XXXXXX
3	3.2	1.6	1.6	XXXXXX
4	3.2	4.5	1.6	XXXXXX
5	4	4	1.6	XXXXXX
6	4.6	4.2	2.3	XXXXXX
7	4.8	4.8	2.4	XXXXXX

Dimension D is length of O Ring in mm, for instance 150mm is 0150 etc.



Shielding Effectiveness

Materials	H_FIELD	E-FIELD	PLANWAVE	
	100 kHz	10MHz	1GHz	10GHz
	dB	dB	dB	dB
Monel	60	130	90	80
Sn/Ph/Bz	90	135	105	95

Figures for type EMC2 - 12.7mm single layer 3.2mm cell size With Alocrom 1200 finish

Performance

FREQUENCY	FIELD	MONEL	ALUMINIUM	TCS	S/STEEL
1GHz	P	85	76	78	76
10GHz	P	80	65	62	60

