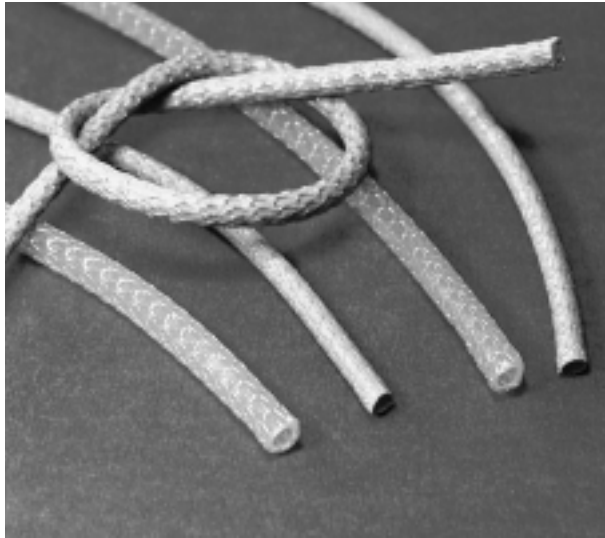


700 Series Non Fray Knitted Wire Mesh



The 700 Series is a new form of knitted wire mesh, which is self-terminating and offers an environmental seal. It is comprised of round silicone sponge cord or silicone tube, which has been knitted over with a single wire layer or 2 wires twin knitted. During its manufacture it passes through a unique process which bonds the wire to the surface of the core thus making the wire self-terminating or non-fray when cut. The bonding process also fills the voids between the stitches making a smoother more regular surface enabling the seal to give environmental sealing up to IP-55. Available as a continuous length, cut to length, fabricated into rings or multi-compartment gaskets. Designed to be used in a groove giving a cost effective EMC and environmental seal. The most common wire types are Monel, Tin Plated Copper Clad Steel (TCS), Stainless Steel and Aluminium.

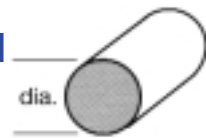
DIMENSIONS ARE IN MILLIMETRES

700 Series EMC Test Data (1 layer Monel)

Independent test to MIL STD 285:59

Frequency	Test Mode	Attenuation dB
10kHz	H	25
100kHz	H	48
1MHz	H	62
10MHz	H	85
100kHz	E	>110
1MHz	E	>102
10MHz	E	>110
100MHz	E	100
400MHz	P	88
1GHz	P	70
10GHz	P	42
18GHz	P	48

Silicone Sponge Cord



Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
1.6	712	714	716	718	0016
2.4	State 1 or 2 layers				0024
3.2	State 1 or 2 layers				0032
4.8	State 1 or 2 layers				0048
6.4	State 1 or 2 layers				0064
8.0	State 1 or 2 layers				0080

Your dimensions

Silicone Tube



Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
1.6	742	744	746	748	0016
2.4	State 1 or 2 layers				0024
3.2	State 1 or 2 layers				0032
4.8	State 1 or 2 layers				0048
6.4	State 1 or 2 layers				0064
8.0	State 1 or 2 layers				0080

Your dimensions

All sizes listed are core sizes and allowance must be made for the wire mesh. This is nominally 0.4mm for one layer and 0.8 for two layers. Tolerances \pm 0.8mm on the core diameter.