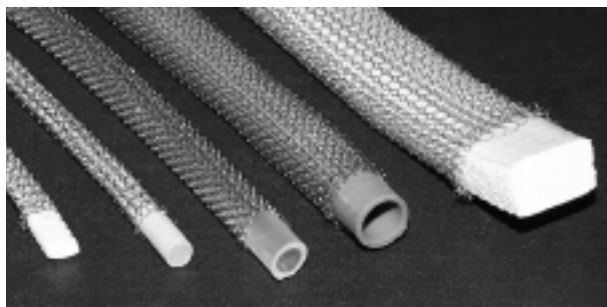


200 Series Knitted Wire Mesh over Elastomer Core



The 200 Series products require a low closing force which makes them ideal for use in situations where compression on the gasket is released and reapplied frequently, as in the case of enclosure doors and inspection panels. This property also makes it ideal for gasketing irregular surfaces as may be found on castings and sheet metal fabrications. Whilst it is not recommended as a full environmental seal it does offer a limited seal against dust.

The product consists of two layers of wire mesh knitted over an elastomer core. More layers may be applied depending upon the application of the finished item and the degree of shielding required. e.g. 7 layers of TCS for EMP.

The types of wire used are:

Monel, Tin Plated Copper Clad Steel (TCS), Stainless Steel and Aluminium.

These products are available in continuous lengths, cut to lengths, or fabricated into finished gaskets by glueing and stitching to suit your requirements. Low compression force and UL flame retardant approved materials available on request.

Ordering Information

The sizes shown on the tables are typical examples of our range, other sizes are available on request.

When ordering use the wire material code from the 'select material' box followed by the dimension code. e.g. 212-0032:- round section monel wire over 3.2mm diameter silicone sponge.

Tolerances: Bodysize \pm 0.8mm. Fin size \pm 1.6mm.

DIMENSIONS ARE IN MILLIMETRES

Typical Shielding Performance Figures

For 200 Series as achieved by independent testing to MIL-STD 285 modified

H Field				
MHz	0.01	0.1	1.0	10.0
Monel	28	45	64	>104
Aluminium	36	47	64	>104
TCS	47	67	88	>104
E Field				
MHz	0.01	0.1	1.0	10.0
Monel	>118	>136	>123	99
Aluminium	>118	>136	>120	91
TCS	>118	>136	>126	109
P Field				
MHz	400	1000	10,000	
Monel	96	84	46	
Aluminium	86	72	34	
TCS	98	77	43	

Round

Neoprene Sponge Core



Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
3.2	202	204	206	208	0032
4.8					0048
6.4					0064
9.5					0095
12.7					0127

Your dimensions

Round

EPDM Sponge Core



Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
3.2	292	294	296	298	0032
4.8					0048
6.4					0064
12.7					0127

Your dimensions

Round

Silicone Sponge Core



Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
1.6	212	214	216	218	0016
2.4					0024
3.2					0032
4.8					0048
6.4					0064
8.0					0080
9.5					0095
12.7					0127

Your dimensions

Round

Silicone Tube Core



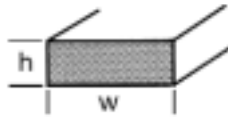
Dia	Select Material Code				Part No
	Mon.	TCS.	S/St.	Alu.	
1.6	242	244	246	248	0016
2.4					0024
3.2					0032
4.8					0048
6.4					0064
8.0					0080
9.5					0095
12.7					0127

Your dimensions

200 Series Knitted Wire Mesh over Elastomer Core

Rectangular

Silicone Sponge Core

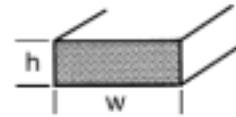


Ht	Width	Select Material Code				Part No
		Mon. 232	TCS. 234	S/St. 236	Alu. 238	
3.2	3.2					0032-0032
3.2	4.8					0032-0048
3.2	6.4					0032-0064
3.2	9.5					0032-0095
3.2	12.7					0032-0127
4.8	4.8					0048-0048
4.8	6.4					0048-0064
4.8	9.5					0048-0095
4.8	12.7					0048-0127
6.4	6.4					0064-0064
6.4	9.5					0064-0095
6.4	12.7					0064-0127
9.5	9.5					0095-0095
9.5	12.7					0095-0127
12.7	12.7					0127-0127

Your dimensions

Rectangular

Neoprene Sponge Core

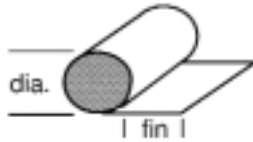


Ht	Width	Select Material Code				Part No
		Mon. 282	TCS. 284	S/St. 286	Alu. 288	
3.2	3.2					0032-0032
3.2	4.8					0032-0048
3.2	6.4					0032-0064
3.2	9.5					0032-0095
3.2	12.7					0032-0127
4.8	4.8					0048-0048
4.8	6.4					0048-0064
4.8	9.5					0048-0095
4.8	12.7					0048-0127
6.4	6.4					0064-0064
6.4	9.5					0064-0095
6.4	12.7					0064-0127
9.5	9.5					0095-0095
9.5	12.7					0095-0127
12.7	12.7					0127-0127

Your dimensions

Round with Fin

Silicone Sponge Core



Dia	Fin	Select Material Code				Part No
		Mon. 222	TCS. 224	S/St. 226	Alu. 228	
3.2	6.4					0032-0064
3.2	9.5					0032-0095
3.2	12.7					0032-0127
4.8	9.5					0048-0095
4.8	12.7					0048-0127
4.8	15.9					0048-0159
6.4	9.5					0064-0095
6.4	12.7					0064-0127
6.4	15.9					0064-0159
8.0	9.5					0080-0095
8.0	12.7					0080-0127
8.0	15.9					0080-0159
9.5	12.7					0095-0127
9.5	15.9					0095-0159
12.7	12.7					0127-0127

Your dimensions

Round with Fin

Silicone Tube Core

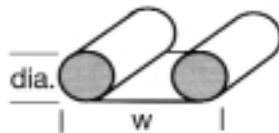


Dia	Fin	Select Material Code				Part No
		Mon. 252	TCS. 254	S/St. 256	Alu. 258	
3.2	6.4					0032-0064
3.2	9.5					0032-0095
3.2	12.7					0032-0127
4.8	9.5					0048-0095
4.8	12.7					0048-0127
4.8	15.9					0048-0159
6.4	9.5					0064-0095
6.4	12.7					0064-0127
6.4	15.9					0064-0159
8.0	9.5					0080-0095
8.0	12.7					0080-0127
8.0	15.9					0080-0159
9.5	12.7					0095-0127
9.5	15.9					0095-0159
12.7	12.7					0127-0127

Your dimensions

Twin Round with Fin

Silicone Sponge Cores

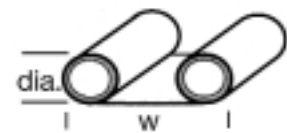


Dia	Width	Select Material Code				Part No
		Mon. 262	TCS. 264	S/St. 266	Alu. 268	
3.2	12.7					0032-0127
3.2	19.1					0032-0191
3.2	25.4					0032-0254
4.8	19.1					0048-0191
4.8	25.4					0048-0254
6.4	19.1					0064-0191
6.4	25.4					0064-0254

Your dimensions

Twin Round with Fin

Silicone Tube Cores



Dia	Width	Select Material Code				Part No
		Mon. 272	TCS. 274	S/St. 276	Alu. 278	
3.2	12.7					0032-0127
3.2	19.1					0032-0191
3.2	25.4					0032-0254
4.8	19.1					0048-0191
4.8	25.4					0048-0254
6.4	19.1					0064-0191
6.4	25.4					0064-0254

Your dimensions