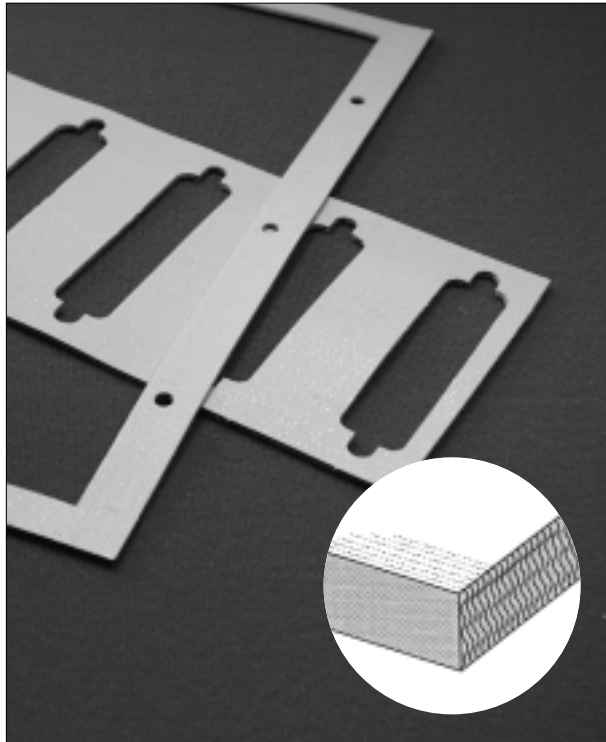


400 Series Orientated in Silicone Rubber



The 400 Series gasketing material gives a full environmental and EMI seal when clamped between two, flat, rigid surfaces.

400 Series is a flat silicone gasket material, solid or sponge, embedded with wires orientated perpendicular to its surface. The material has a wire density of 900 per square 25.4 mm. which gives an excellent EMI screen over a wide spectrum of frequencies. It has the additional property of providing full environmental protection.

The material, which is not suitable for frequent opening, can be supplied in sheet, strip or fabricated gasket form to customer requirements.

The following features can be incorporated into the sheet material or gaskets:-

- Compression stops can be fitted to ensure that the design compression is constantly maintained.
- Self adhesive backing can be applied to facilitate production assembly techniques.
- Fluorosilicone is available for use in environments where fuel oils and other contaminants are present.

Tolerances: Thickness $\pm 0.13\text{mm}$. Linear $\pm 0.8\text{mm}$

Hole centres $\pm 0.4\text{mm}$

Ordering Information

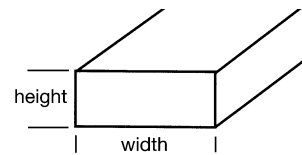
Use the type number to indicate the material required followed by the thickness and width. e.g. 410-0008 0064 = Monel in solid silicone 0.8mm. thick x 6.4mm wide.

The thicknesses shown in the tables are standard but the width may vary to any dimension required by the customer.

Ordering note:- Use suffix SAB if self adhesive backing is required.

DIMENSIONS ARE IN MILLIMETRES

Standard Strip Material



- 410 Monel in Solid Silicone
- 420 Aluminium in Solid Silicone
- 430 Monel in Silicone Sponge
- 440 Aluminium in Silicone Sponge

Note: 430 & 440 not available in 0.8 thickness

Ht	Width	Select Material Code				Part No
		Mon.	TCS.	Mon.	Alu.	
0.8	3.2					0008-0032
0.8	4.8					0008-0048
0.8	6.4					0008-0064
0.8	9.5					0008-0095
0.8	12.7					0008-0127
1.6	4.8					0016-0048
1.6	6.4					0016-0064
1.6	9.5					0016-0095
1.6	12.7					0016-0127
1.6	15.9					0016-0159
1.6	19.1					0016-0191
2.4	4.8					0024-0048
2.4	6.4					0024-0064
2.4	9.5					0024-0095
2.4	12.7					0024-0127
2.4	15.9					0024-0159
2.4	19.1					0024-0191
3.2	6.4					0032-0064
3.2	9.5					0032-0095
3.2	12.7					0032-0127
3.2	15.9					0032-0159
3.2	19.1					0032-0191

Your dimensions

Fluorosilicone and part wired strips available to special order only

These materials can be cut and fabricated to any reasonable size and shape. Kemtron are experts in gasket manufacture and would welcome your detailed drawings.

Typical Shielding Performance Figures

For 400 Series as achieved by independent testing to MIL-STD 285 modified

H Field				
MHz	0.01	0.1	1.0	10.0
Monel	64	85	>110	>104
E Field				
MHz	0.01	0.1	1.0	10.0
Monel	>118	>136	>126	>133
P Field				
MHz	400	1000	10,000	
Monel	>120	>116	>106	