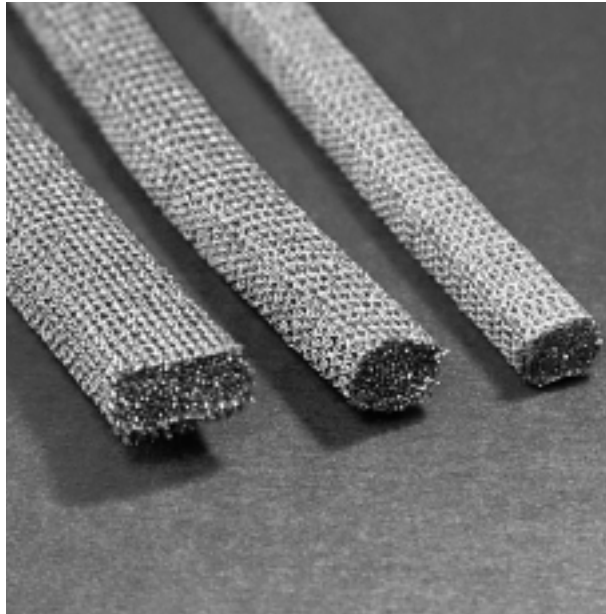


600 Series Knitted Conductive Yarn



The 600 Series is a conductive yarn knitted over urethane foam, sponge or neoprene core. The yarn is Nylon 66 filament plated with pure Silver and is knitted with a close stitch to provide an excellent EMI shield.

The urethane foam core is flame retardant to UL94 HF-1 with a low density of 28-32 Kg/M³ and this enables it to be used in large gaps or to fill uneven tolerances between mating surfaces. Designed for commercial applications the gasket has a maximum operating temperature of 70°C. It is available in square or rectangular sections with urethane cores, and round with a neoprene core. It can be supplied as a continuous strip or cut to length and can have a self-adhesive mounting strip on one surface. The gasket is non-fray when cut making it suitable for fabrication by the customer to the required shape.

600 Series EMC Test Data

Independent test to MIL STD 285:59

Frequency	Test Mode	Attenuation dB
10kHz	H	26
100kHz	H	42
1MHz	H	52
10MHz	H	70
100kHz	E	>110
1MHz	E	>102
10MHz	E	98
100MHz	E	96
400MHz	P	100
1GHz	P	84
10GHz	P	70
18GHz	P	72

Yarn: Silver-plated Nylon 66, diameter 170 microns.

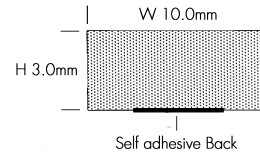
Compression data for urethane foam: 0.14Kg/cm² @ 50% compression.

Part Number Designation

Ordering Information

To order follow the part number system as shown:

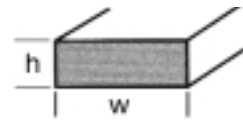
Example part number:



Series	Core	Yarn	Height	Width	Tape
6	7	9	-0030	-0100	-SAB

Core Material

- 679 Urethane Foam Rectangular
- 689 Neoprene Sponge Rectangular
- 699 Urethane Sponge Rectangular



Ht	Width	Select Material Code			Part No
		679	689	699	
3.0	6.0				0030-0060
3.0	8.0				0030-0080
3.0	10.0				0030-0100
3.0	12.0				0030-0120
5.0	5.0				0050-0050
5.0	6.0				0050-0060
5.0	8.0				0050-0080
5.0	10.0				0050-0100
5.0	12.0				0050-0120
6.0	6.0				0060-0060
6.0	8.0				0060-0080
6.0	10.0				0060-0100
6.0	12.0				0060-0120
8.0	8.0				0080-0080
8.0	10.0				0080-0100
8.0	12.0				0080-0120
10.0	10.0				0100-0100
10.0	12.0				0100-0120
12.0	12.0				0120-0120

Your dimensions

Core Material

- 669 Neoprene Sponge Round



Diameter	Select Material Code	
	669	Part No
3.2		0032
4.8		0048
6.4		0064
8.0		0080

Your dimensions

All sizes listed are core sizes and allowance must be made for the knitted yarn. This is nominally 0.5mm.

Tolerances ± 1.0mm on the urethane cores, ± 0.8 on the neoprene cores.