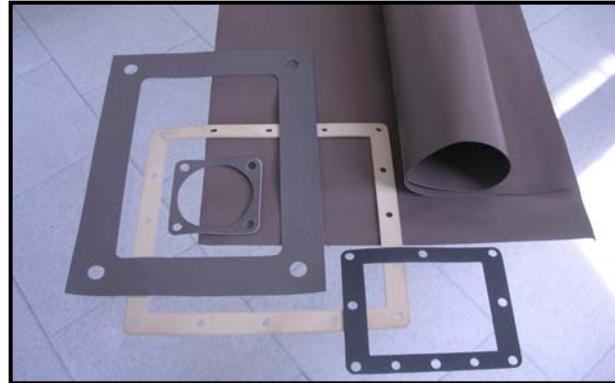




*From Italy,
For the World*



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CONDUCTIVE SILICONE

TYPICAL PROPERTIES	TEST METHOD	Sil-AgCu		Sil-NiGr	
Filler		Ag coated Cu		Nickel-Graphite	
Base Polymer		Silicone			
Specific Gravity (g/cm ³)		2.18		1.97	
Thickness (mm)		0.20 – 1.50		0.20 – 1.50	
Hardness:					
Shore A	ASTM D2240	40		30	
Shore OO		85		80	
Tensile Strength (psi, min.)	ASTM D412	90		50	
Elongation - %, min.		60		50	
Compression Set@100°C 25% compressed	ASTM D395 (Method B)	6		7	
% of thickness		22		25	
% of deflection					
Compression Set@70°C 25% compressed	ASTM D3574	3		5	
% of thickness		12		17	
% of deflection					
At Thickness indicated		0.20	1.50	0.20	1.50
Flame Resistance – UL94*	Horizontal	HB	HB	HB	HB
	Vertical	V-0	V-0	V-0	V-0
Volume Resistivity (Ohm-cm) (expression of conductivity)	Rogers Corporation Internal	0.2		0.2	
Shielding Effectiveness (dB)	At thickness:	0.20			1.50
100MHz	MIL G83528	120			100
500MHz	MIL G83528	120			100
1GHz	MIL G83528	110			110
10GHz	MIL G83528	85			85

*This information is the best currently available on the subject. The results should however only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's efforts to impress the quality or production efficiency of subject.