

Nickel Graphite Silicone

Physical Properties	Test methods	Typical values
Colour		Dark Grey
Temperature Range		-55C to +160°C
Hardness	ASTM D-2240	60 (Shore A \pm 5)
Specific Gravity	ASTM D-792	2 (\pm 0.1) g/cc
Tensile Strength	ASTM D-412	0.75 MPa
Elongation	ASTM D-412	450% min
Compression Set 72 hrs @ 100°C	ASTM D-395	9% max

Electrical properties		
Volume Resistivity	Mil-G-83528	0.05 Ω /cm max

Shielding effectiveness (Mil-G-83528) dB (Mil Std. 285 procedure)

Frequency	Attenuation
100MHz	111
200MHz	116
400MHz	119
1GHz	118
4GHz	100
10GHz	110

