

**SILVER COPPER FILLED FLUOROSILICONE**

Nolato Jabar Series 816

**DESCRIPTION**

Nolato Jabar Series 816 materials are a unique blend of fluorosilicone elastomers and conductive, silver plated copper particles, forming a highly flexible yet highly conductive matrix. The high conductivity, lends itself perfectly to aerospace, military, and commercial applications requiring EMI-Environmental sealing elastomers where galvanic compatibility is not an issue.

Color is tan

**APPLICATIONS**

Nolato Jabar can produce the above materials in extruded, molded sheet, die cut, and custom molded forms. Certain applications require the addition of supporting fabrics, or mesh reinforcements to withstand abusive applications. These alternatives are also available. Please contact your Nolato Jabar representative

**TECHNICAL PROPERTIES**

Inspection Criteria	UM	Performance Level
Operating Temperature		
Max	°C	+ 125°
Min	°C	- 55°
Specific Gravity	+ - 13 %	4.1
Hardness; Shore A	+ - 7	75
Compression Deflection	%min	3.5
Tensile Strength	#/in	180 #/in
Elongation		100-300
Compression Set	% max	35
Tear Strength	#/in	35
Volume Resistivity	Ohm-cm	0.010
Shielding Effectiveness		
100 MHz	dB Min	120
200 MHz	dB Min	120
2 GHz	dB Min	120
10 GHz	dB Min	115