

NICKEL PLATED GRAPHITE FILLED SILICONE

Nolato Jabar Series 802-40

DESCRIPTION

Nolato Jabar Series 802 materials are a unique blend of Silicone elastomers and Nickel Plated Graphite particles, forming a highly flexible yet highly conductive matrix. The conductivity, light weight, and Galvanic Compatibility, lends itself perfectly to fulfill Aerospace, Military, and Commercial applications requiring High Shielding Performance, while providing a durable environmental seal and a lower cost alternative.

TECHNICAL PROPERTIES

Inspection Criteria	UM	Performance Level
Operating Temperature		
Max	°C	+ 150°
Min	°C	- 55°
Specific Gravity	+/- 13 %	1.95
Hardness; Shore A	+/- 7	40
Tensile Strength (un-reinforced) #/in ² min		160 min.
Elongation % (un-reinforced)	%	280 min.
Compression Set	% max	40 max.
Tear Strength (un-reinforced)	#/in min	30 min.
Volume Resistivity	Ohm-cm	.15 max.
Shielding Effectiveness	N/A	
Thermal Conductivity	N/A	
Color	Dark Gray	