



ABRASION/MECHANICAL

Silicone Tapes

66N-67N-68N-69N-78N-79N-88N-89N

Product Highlights

- Operating temperature from -60°C to +250°C (-76°F to +482°F)
- Good fluid resistance
- Easy to install
- Aesthetic solution
- Self-amalgamating
- Local protection
- ABS 5334 (66N + 67N)
- A-A-59163 (67N)
- ASNA 5107 (68N, 69N, 78N, 79N, 88N, 89N)
- Shelf life: One year after date of manufacture



Federal-Mogul offers a range of silicone elastomer tapes, which self-amalgamate at ambient temperature.

The elongation for 66N and 67N ranges from 300% up to 500%.

Composed of an additional fiberglass base coated with a self-amalgamating silicone elastomer, the tapes 68N, 69N, 78N and 79N provide high temperature mechanical protection.

After several hours at ambient temperature, the surface of these tapes sticks together when light pressure is added.

These tapes are used for sealing, connecting and finishing the cut ends of sleeves exposed to high temperature. These products can also be used to provide local protection to connection accessories and other wire harness components.



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001

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Protection Products

**FEDERAL
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Systems Protection

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Performance Data – Silicone Tapes

66N-67N-68N-69N-78N-79N-88N-89N

Property	Test Method	Result							
		66N	67N	68N	69N	78N	79N	88N	89N
Working temperature		-60°C to +250°C							
Elongation at break		500%	300%	15%	15%	15%	15%	15%	15%
Fluid Resistance Jet Fuel (JP5) Hydraulic Fluid (Skydrol 500B4) Mineral Oil (NATO 0142) Synthetic Oil (NATO 0156) Cleaning Fluids MIL C 87836 25% Propanol + 75% white spirit Foran 141 B Cooling Fluid (MIL-A-8243)	Immersion in the fluids for a few seconds of the silicone tape amalgamated on its support (harness)	No deterioration to the amalgamated tape							

Product Specifications

Commercial Part Number	Thickness mm (in)	Width mm (in)	Color	Includes Glass Tape Substrate	Standard Packaging m (ft)	Rolls per Box	NATO Specifications
Silicone Tape 66N	0.3 (0.012")	19 (3/4")	Red/Brown	No	15 (50')	15	5970-14-467-8824
Silicone Tape 67N	0.5 (0.020")	19 (3/4")	Black	No	15 (50')	15	5970-14-474-7041
Silicone Tape 68N	0.5 (0.020")	19 (3/4")	Red/Brown	Yes	15 (50')	15	5970-14-464-7312
Silicone Tape 69N	0.5 (0.020")	19 (3/4")	Black	Yes	15 (50')	15	–
Silicone Tape 78N	0.5 (0.020")	25 (1")	Red/Brown	Yes	15 (50')	15	–
Silicone Tape 79N	0.5 (0.020")	25 (1")	Black	Yes	15 (50')	15	–
Silicone Tape 88N	0.5 (0.020")	50 (2")	Red/Brown	Yes	15 (50')	15	–
Silicone Tape 89N	0.5 (0.020")	50 (2")	Black	Yes	15 (50')	15	–

Recommendation Time for Perfect Amalgamate

Temperature (°C)	250	200	150	127	120
Time in Minutes	15	20	35	80	120

Part Numbering System

Example	Product Name	Size	Color	Quantity
	66N	19 x 0.3	Standard	15 rolls

Note: All silicone tapes have a one year shelf life.

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