



ABRASION/MECHANICAL

Silicone Tapes

58N-59N-66N-67N-68N-69N-78N-79N-88N-89N-98N-99N

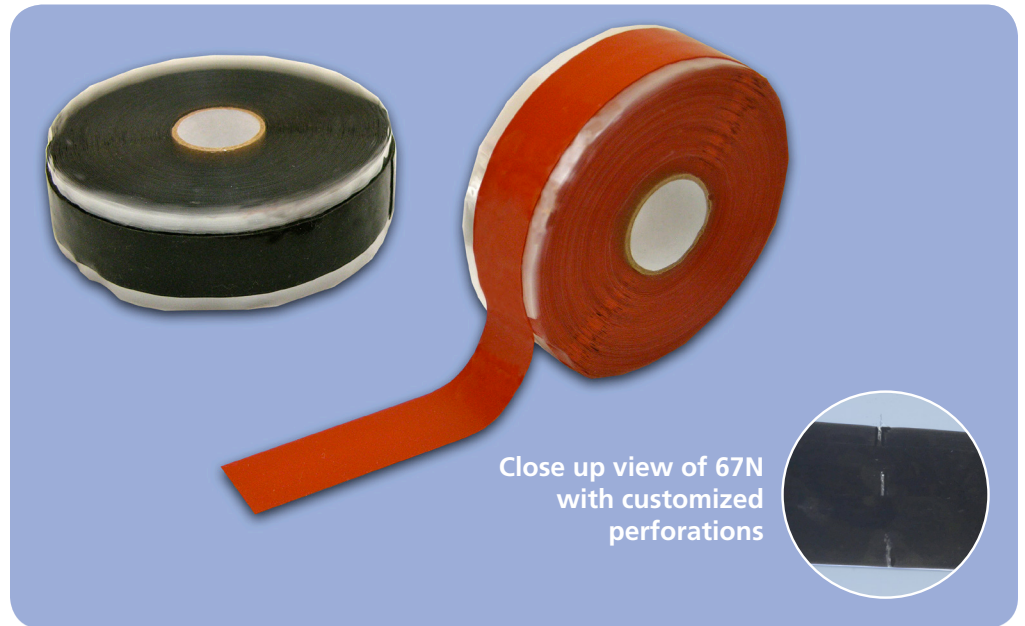
Product Highlights

- Operating temperature from -60°C to +260°C (-76°F to +500°F)
- Good fluid resistance
- Easy to install
- Aesthetic solution
- Self-amalgamating
- Local protection
- ABS 5334 (66N + 67N)
- A-A-59163 (67N)
- ASNA5107 (58N-59N-68N-69N-78N-79N-88N-89N-98N-99N)
- Shelf life: One year after date of manufacture
- Also available perforated to customized lengths for reduced installation time and improved inventory control (66N and 67N only)



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

ST_04212017



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

The elongation of tape 66N and 67N ranges from 300 to 500%.

Composed of an additional fiberglass base coated with a self-amalgamating silicone elastomer, the tapes 58N-59N-68N-69N-78N-79N-88N-89N-98N-99N 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.

66N and 67N are offered in customized perforated lengths to help reduce installation time. With this feature, cutting tools such as scissors or blades are no longer necessary. This allows these tapes to be torn by hand directly off the roll for quick and easy installation onto your application, and is available in 3/4" (19 mm) and 1" (25 mm) widths with a minimum length of 2.5" (64 mm)

BentleyHarris®
Protection Products

Performance Data – Silicone Tapes

58N-59N-66N-67N-68N-69N-78N-79N-88N-89N-98N-99N

Property	Test Method	58N 59N 66N 67N 68N 69N 78N 79N 88N 89N 98N 99N											
		Working temperature	-60°C to +260°C (-76°F to +500°F)										
Elongation at break	Immersion in the fluids for a few seconds of the silicone tape amalgamated on its support (harness)	15%	15%	500%	300%	15%	15%	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)													

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 58N	0.5 (0.020")	13 (1/2")	Red/Brown	Yes	15 (50')	15	–
Silicone Tape 59N	0.5 (0.020")	13 (1/2")	Black	Yes	15 (50')	15	–
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	–
Silicone Tape 98N	0.5 (0.020")	76 (3")	Red/Brown	Yes	15 (50')	15	–
Silicone Tape 99N	0.5 (0.020")	76 (3")	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

Storage

Tapes should be stored in original boxes, in a cool, dark location, not in close proximity to steam pipes, radiators or other sources of heat, at a temperature no greater than 37°C (98°F).

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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