



ABRASION/MECHANICAL

Silicone Tapes

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

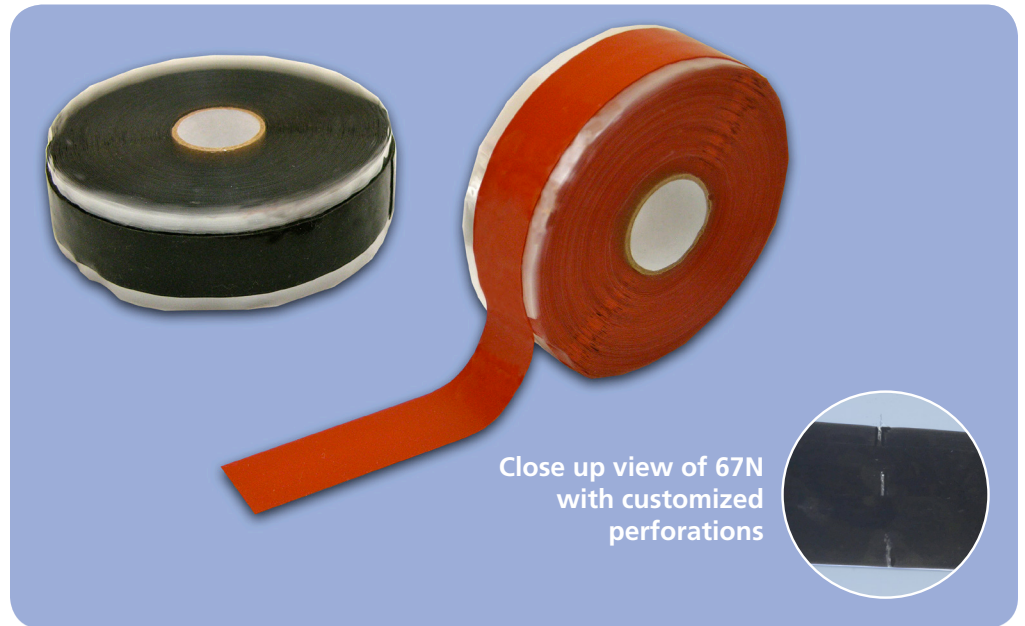
Product Highlights

- 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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