Product Highlights

- Working temperature
 -60°C to +250°C
- Good fluids resistance
- Easy to install
- Aesthetic solution
- Self-amalgamating
- Local Protection



Silicone Tapes 66N-67N-68N

The tapes 66N and 67N are silicone elastomer tapes, which self-amalgamates at ambient temperature. The maximum elongation ranges from 200% up to 500%.

Composed of a fiberglass base coated with self-amalgamating silicone elastomer, the tape 68N provides a high temperature mechanical protection.

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

These tapes are used for sealing, connecting and finishing the cut ends of sleeves exposed to high temperature. Theses products could also be used to protect locally harness parts and connection accessories.



Performance Data

| Properties | Test | Results | | |
|---|---|---|-----------------|----------|
| | | 66N | 67N | 68N |
| Working temperature | | | -60°C to +250°C | |
| Tensile strength | | 50 N | 16.3 N | 90 N |
| Elongation resistance | | 500 to 600% | 200 to 300% | 26% |
| Average dielectric strength | NFC 26.225 | 13 KV/mm | 16KV/mm | 17 KV/mm |
| Fluid resistance Jet Fuel JP5 Hydraulic fluid Skydrol 500 B4 Mineral oil NATO 0142 Synthetic oil NATO 0156 Cleaning fluids -MIL C 87936 -25% Propanol + 75 % white spirit -Foran 141 B Cooling fluid MIL- A -8243 | Immersion in the fluids for few seconds of the silicone tape amalgamate on its support (Harness) | No deterioration to the amalgamate tape | | • |

Product Specifications

| Description | Thickness | Width | Colour | Armed with glass tape | Packaging | NATO specification |
|-------------------|-----------|-------|-----------|-----------------------|-----------|-----------------------|
| Silicone Tape 66N | 0.3 mm | 19 mm | Red/Brown | No | 15 Rolls | 5870-14-467-8824 |
| Silicone Tape 67N | 0.5 mm | 19 mm | Black | No | 15 Rolls | 5870-14-474-7041 |
| Silicone Tape 68N | 0.3 mm | 19 mm | Red/Brown | Yes | 15 Rolls | 5970-14-464-7312 |

Recommendation time for perfect amalgamate

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

Part Numbering System

| Example: | Description | Size | Colour | Quantity |
|----------|-------------|-----------|----------|----------|
| | 66N | 19 x 15 m | Standard | 24 rolls |

Availability

Bentley-Harris® Silicone Tape 66N, 67N and 68N are available in rolls of 15 meters long. Minimum quantity is 15 rolls.

Packaging includes a polyester separating film to prevent layers from sticking. Standard colour is red/brown for the 66 N and the 68N, black for the 67N.



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