

## 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. These products could also be used to protect locally harness parts and connection accessories.

**BentleyHarris**<sup>®</sup>  
Protection Products

## 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 <ul style="list-style-type: none"> <li>● Jet Fuel JP5</li> <li>● Hydraulic fluid Skydrol 500 B4</li> <li>● Mineral oil NATO 0142</li> <li>● Synthetic oil NATO 0156</li> <li>● Cleaning fluids <ul style="list-style-type: none"> <li>-MIL C 87936</li> <li>-25% Propanol + 75 % white spirit</li> <li>-Foran 141 B</li> </ul> </li> <li>● Cooling fluid MIL- A -8243</li> </ul>	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.

