

66N, 67N, 68N Silicone Tapes

Range of Silicone Elastomer Tapes

Self-amalgamating



A wide range of silicone elastomer tapes, which self-amalgamate at ambient temperature. 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 wiring harness components.

Features and Benefits

- Good fluid resistance
- Easy to install
- Aesthetic solution
- Self-amalgamating
- Local protection.
- Shelf life: One year after date of manufacture.

Operating Temperature

From -60°C to +250°C

Specifications & Approvals

- 66N & 67N: ABS 5334
- 67N: A-A-59163
- 68N: ASNA 5107

Part Number	Thickness	Width	Colour	Glass Tape Substrate	Reel Size	NATO Specification
Tape-66-N	0.3mm	19mm	Red/Brown	No	15m	5970-14-467-8824
Tape-67-N	0.5mm	19mm	Black	No	15m	5970-14-474-7041
Tape-68-N	0.5mm	19mm	Red/Brown	Yes	15m	5970-14-464-7312

25mm and 50mm width options are also available, please contact for details

Recommended time for amalgamation

Temperature	250°C	200°C	150°C	127°C	120°C
Time in minutes	15 min	20 min	35 min	80 min	120 min

Technical Performance

Property	Test Method	66N	67N	68N
Operating temperature range	-	From -60°C to +250°C		
Elongation at break	-	500 to 600%	200 to 300%	26%
Tensile strength	-	50 N	16.3 N	90 N
Average dielectric strength	NFC 26.225	13 KV/mm	16 KV/mm	17 KV/mm

Fluid Resistance

- Jet Fuel (JP5)
 - Hydraulic fluid (Skydrol 500B4)
 - Mineral Oil (NATO 0142)
 - Synthetic Oil (NATA 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

Adhesives and Tapes

SRT Silicone Tape

Silicone Elastomer
Self-amalgamating

SRT is a Silicone Rubber based material that is a tough, resilient, self-amalgamating tape, ideal for covering irregular shapes and objects. It can also be used for masking ends and sections of shafts and tubes.

Features and Benefits

- Tough and flexible.
- High temperature performance to 260°C.
- Provides void free insulation.
- Recommended for powder coating, E-coating, plating and anodising.
- Range of sizes, thicknesses and colours.
- No adhesive.
- Waterproof.

Operating Temperature

-54°C to +260°C



Specifications & Approvals

- ASTM D-2000 Classification FC, FE, GE
- MIL-STD-417, TA

Part Number	Width	Thickness	Length	Colour
SRT0750-20	19.05 mm	0.51 mm	11 m	Black
SRT1000-20	25.40 mm	0.51 mm	11 m	Grey
SRT1000-30	25.40 mm	0.76 mm	11 m	Orange
SRT1500-20	38.10 mm	0.51 mm	11 m	Red
SRT1500-30	38.10 mm	0.76 mm	11 m	Blue
SRT1750-20	44.45 mm	0.51 mm	11 m	Green
SRT2000-20	50.80 mm	0.51 mm	11 m	Yellow
SRT2000-30	50.80 mm	0.76 mm	11 m	White

Technical Performance

Description	ASTM Test Method	Results
Hardness	-	45 to 55 Shore A
Tensile strength	ASTM D-412	700 PSI
Percent elongation at break	-	300%
Cold brittle point	ASTM D-2137	-65°C

Note:

SRT is made from a commercial grade silicone, it is not suitable for direct food and medical contact, such as internal medical applications.