

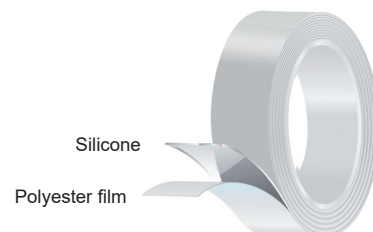


Single-sided polyester adhesive tape

Reference: 01 900SX5X 44

Product profile

Open side adhesive: Red silicone
 Carrier: Polyester film - 36 µm
 Total thickness: 80 µm



Application

Using the **Gergonne PSS^{tech} technology**, this single-sided polyester is mainly used for siliconized material splicing applications.

Technical Properties

90° peel strength (N/25 mm - NF EN ISO 29862)	Steel	Release liner
After 24 hours	10	4
Tack (N/25 mm - FTM9)	Steel	Release liner
After 1 min	9	-
Shear strength (NF EN ISO 29862 - 1 kg on 25x25 mm)	Steel	Release liner
At 22 °C	> 300 h	-
At 80 °C	50 h	-
Additional features		
Tensile strength (ASTM D1000)	70 N/cm	
Elongation at break (ASTM D1000)	90 %	
Breakdown voltage (ASTM D1000)	5.5 kV	
Temperature range	- 40 °C / + 180 °C	
Maximum temperature resistance on steel	200 °C	
European directives	2000/53/CE, 2002/95/CE, REACH	

Product features

- Very good adhesion and cohesion on all types of materials, even those with low surface tension
- A removal without residue in most cases
- Very good resistance to high temperatures and chemical agents

Recommendations for use

The surface to be glued should be clean and dry, free from grease, silicone or dust. At the time of application, the adhesive tape as well as the surface to which it is to be adhered, should be at a temperature of between 18 and 30 °C. The adhesive should be applied with a pressure of 0.02 MPa for 2 seconds. A dwell period of 24 hrs is then needed to reach the optimum bond or before carrying out any tests.

This document does not constitute a specification. The information provided in this document is given in good faith, according to the tests made in our laboratory. The values given are typical values and may vary according to application conditions. They are given for information only and do not constitute a warranty. It is the responsibility of the purchaser to determine prior to use the suitability of this material in its application. Revised: December 11, 2024



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Storage

Store in dry conditions between 10 °C and 35 °C in its original packaging. Use within 12 months after delivery.



*It took more than 10 years to develop the **Gergonne PSS^{tech} technology** that makes it possible to offer products that combine all the advantages of silicone - this exceptional material.*

*In addition to their resistance to very high temperatures (+200°C) and chemical agents (particularly solvents), the products made with **Gergonne PSS^{tech} technology** are extremely cohesive and stable over time, which allows, after flawless bonding, to offer a scratch-free and residue-free removal (even under external conditions). Their good adhesion to silicone based materials is also a major advantage of **Gergonne PSS^{tech} technology** products.*