

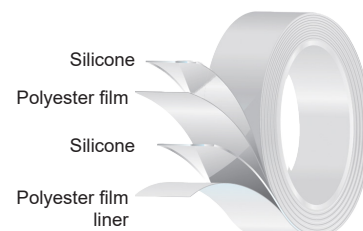


Double-sided polyester adhesive tape

Reference: 01 900DX0X 02

Product profile

Open side adhesive:	Transparent silicone
Carrier:	Transparent polyester film - 23 µm
Closed side adhesive:	Transparent silicone
Liner:	Transparent polyester film - 50 µm
Total thickness excluding liner:	140 µm



Application

Using the **Gergonne PSS^{tech} technology**, this double-sided polyester is mainly used for siliconized material splicing or fixing parts in foam or silicone elastomer applications.

Technical Properties

90° peel strength (N/25 mm AFERA 5001/FTM2/NF EN 1939/PSTC101)	Steel	Release liner
After 24 hours	14	5 - 7
Tack (N/25 mm FTM9 - LOOP TACK - PSTC 16)	Steel	Release liner
After 1 min	5	-
Shear strength (AFERA 5012/FTM8/NF EN 1943/PSTC 107 1 kg on 25x25 mm)	Steel	Release liner
At 22 °C	150 h	-
At 80 °C	10 h	-
Additional features		
Temperature range	- 40 °C / + 120 °C	
Maximum temperature resistance on steel	150 °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
- Very good resistance to high temperatures and chemical agents
- Polyester carrier offering dimensional stability to the complex. A filmic carrier is also a barrier to migration between two surfaces
- Transparent and tear-proof polyester liner

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 23 °C in its original packaging. Use within 12 months after delivery.
Storage in a cold room between 5 °C and 10 °C will reduce the hardening effect of the liner during storage.



*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.*