

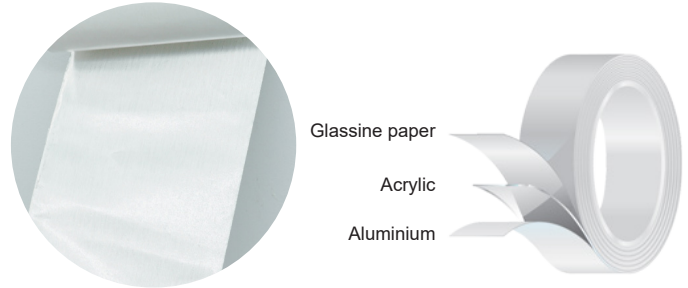


Single-sided aluminium adhesive tape

Reference: 01 3050X4X 80

Product profile

Adhesive: Acrylic - 40 g/m²
 Carrier: Aluminium film - 0.047 mm
 Liner: Glassine paper - 70 g (0.085 mm), white
 Total thickness excluding liner: 0.09 mm



Application

Using the **Gergonne SEA^{tech} technology**, this single-sided aluminium adhesive tape is mainly used for the following applications:

- heat shield in the automotive industry
- construction of heating, ventilation and air conditioning (HVAC) equipment
- sealing of thermal insulators and ventilation ducts in buildings

Technical Properties

90° peel strength (N/25 mm - NF EN ISO 29862)	Steel	ABS	Polypropylene
After 24 hours	22	18	4
Tack (N/25 mm - FTM9)	Steel	ABS	Polypropylene
After 1 min	15	-	-
Shear strength (NF EN ISO 29863 - 1 kg sur 25x25 mm)	Steel	ABS	Polypropylene
At 22 °C	100 h	-	-
At 50 °C	20 h	-	-
Additional features			
Temperature range	- 40 °C / + 120 °C		
European directives	2000/53/CE, 2002/95/CE, REACH		

Product features

- Good adhesion and cohesion on all kinds of substrates (high and medium surface energy)
- Excellent resistance to UV and ageing
- Aluminum carrier offering very good sealing properties, combined with excellent temperature resistance
- This Low-VOC product meets the latest market requirements (particularly in the automotive and construction sectors) and has a low level of volatile organic compound emissions and a low level of odor
- Hand-tearable product

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: February 17th 2021



Single-sided aluminium adhesive tape

Storage

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



The **Gergonne SEA^{tech} technology (Safest-Environment-Adhesive)** is based on a water-based acrylic chemistry (the most environmentally friendly in the field of adhesive tapes*), a drying process developed in-house to obtain coated products with very low emissions and requiring a part of renewable energy in the manufacturing of the products. The **Gergonne SEA^{tech} technology** provides both safe and pleasant products for the final consumer (with very low VOC/FOG/odour rates) and that are also produced in an environmentally friendly way.

* According to the German study *Industrieverband Klebstoffe e.V.*, August 2014