

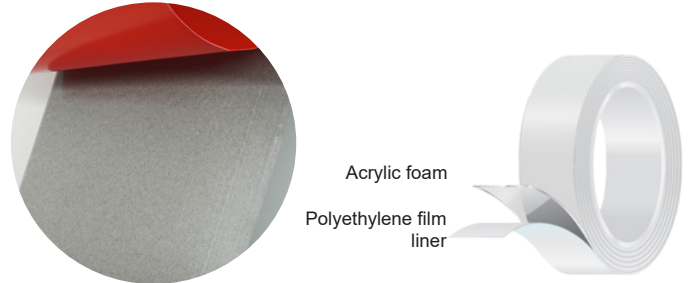


Double-sided acrylic foam tape

Reference: 01 X70050 44

Product profile

Carrier: Grey acrylic foam
900 kg/m³ (0.50 mm)
Liner: Polyethylene film (0.14 mm), red
Total thickness excluding liner: 0.50 mm (± 10 %)



Application

Using **Gergonne LPC^{tech} technology**, this acrylic foam tape is mainly used for assembly and fastening applications between 2 rigid surfaces and is particularly adapted to the demanding requirements of the automotive and industrial sectors.

Technical properties

90° peel strength (N/25 mm - NF EN ISO 29862)	Steel	ABS	Polypropylene
After 24 hours	35	12	3
Tack (N/25 mm - FTM9)	Steel	ABS	Polypropylene
After 1 min	20	-	-
Shear strength (NF EN ISO 29863 - 1 kg sur 25x25 mm)	Steel	ABS	Polypropylene
At 22 °C	>300 h	-	-
At 80 °C	>300 h	-	-
Additional features			
Temperature range	- 40 °C / + 150 °C		
European directives	2000/53/CE, 2002/95/CE, REACH		

Product features

- Good adhesion and very good cohesion on all types of substrates (high and medium surface energy)
- Excellent temperature, UV and aging resistance
- Grey acrylic foam carrier offering very good conformability and resistance to substrate expansion (viscoelastic product)
- Thick polyethylene liner with the advantage of being conformable and non-tearable

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 from 0.3 MPa to 0.5 MPa (3 kg/cm² to 5 kg/cm²) during 2 seconds. A dwell period of 24 hrs is then needed to reach the optimum bond or before carrying out any tests.

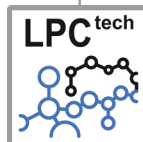
This document does not constitute a specification. The information provided in this document is given in good faith, according to the tests made in our laboratory. The values given are typical values and may vary according to application conditions. They are given for information only and do not constitute a warranty. It is the responsibility of the purchaser to determine prior to use the suitability of this material in its application. Revised: August 31st 2023



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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.



The **Gergonne LPC^{tech} (Long-Polymer-Chain) technology** is based on an innovative chemistry that is extremely environmentally friendly and makes it possible to design products of high thicknesses (between 250 and 2000 microns) with exceptional bonding characteristics.

Indeed, the **Gergonne LPC^{tech} technology** is based on very long acrylate chains formed slowly and in a controlled way during the polymerization process.

Whether it is a question of joining two different materials, whose expansions can be different, under the most extreme conditions (indoor or outdoor), acrylic foams using **Gergonne LPC^{tech} technology** guarantee reliability, esthetics and durability.