

**Technical data sheet - Adhesive tapes**

**Scrim tape  
01 3996X7X 22**

**Product description**

Double-sided adhesive tape on a scrim carrier, based on modified environmentally-friendly acrylic glue.

A new generation glue formulation specially developed in the GERGONNE laboratory to respond to the ever-increasing demands of the foam converting industry. This product offers excellent bond, high tack on low wettability plastics, (PP, PE) also on metal substrates that have not been degreased, as well as on such materials as cellular rubbers, polyolefin foams (PE, PP).

The scrim carrier offers the same pliability and malleability as a transfer; while at the same time offering excellent stretch resistance. It offers excellent results in the converting industry when used with foam.

The double-sided silicone 82g paper liner facilitates the unwinding of the adhesive. It is also suitable for full-cut die-cut components.

**Product construction (see diagram page 2)**

	Type	Weight (g/m <sup>2</sup> )	Thickness (mm)
Open side adhesive	Acrylic	75	-
Carrier	Polyester Scrim	-	-
Closed side adhesive	Acrylic	-	-
Liner	Glassine Paper	-	0.06
Total thickness excluding liner	-	-	0.09

**Adhesive Performance**

<b>90° peel strength</b> (N/25mm AFERA 5001/FTM2/NF EN 1939/PSTC101)	<b>Steel</b>	<b>ABS</b>	<b>Polypropylene</b>
After 24 hours	23	23	5
<b>Tack</b> (N/25mm FTM9 - LOOP TACK - PSTC 16)	<b>Steel</b>	<b>ABS</b>	<b>Polypropylene</b>
After 1 minute	15	-	-
<b>Shear strength</b> (AFERA 5012/FTM8/NF EN 1943/PSTC 107 1kg for 25x25mm)	<b>Steel</b>	<b>ABS</b>	<b>Polypropylene</b>
At 22°C	3h	-	-
At 50°C	10min	-	-
<b>Additional features</b>			
Temperature range	-40°C / +120°C		
European directives	2000/53/CE, 2002/95/CE, REACH		
Odour (VDA 270)	3-4		
VOC (VDA 278)	209 ppm		
Formaldehyde free	YES		

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### Colours

Product : Translucent.

Liner : Honey.

### Roll features

Available roll sizes - (see page 3) : Standard.

Available widths (mm) : 1000, 1500

Length (m) : 300

Inner-core diameter (mm) : 76

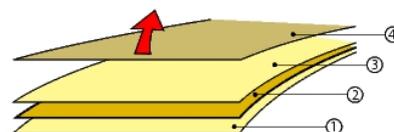
Core marking : GERGONNE

Roll weight (kg) (Width 1000 mm) : 50.5

For specific requests, please contact our customer-services department. (Address given page 3)

### Understanding adhesive tapes (PSA's)

This product is what is known as a double-sided adhesive tape. The product is made up of a carrier (2) on which an adhesive layer is applied on each side. In the drawing you can see the first adhesive layer (1) on the open side of the product and the other layer (3) on the closed side or side protected by the liner. The liner (4) will be removed for final application.



### 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. Relative humidity should be around 50 to 60%. The adhesive should be applied with a pressure of 0.02MPa for 10 seconds. A dwell period of 24 hrs is then needed to reach the optimum bond or before carrying out any tests.

### Test methods

Where possible GERGONNE uses internationally recognised test methods in order to obtain the results given here. However, as not all test methods have been standardised, GERGONNE carries out certain tests in accordance with its own criteria. In order for our clients to be able to interpret these results, copies of the test methods used by GERGONNE, are available on simple request.

### Storage conditions and shelf-life

We recommend that this product be stored in the following conditions: temperature between 18 and 30°C and relative humidity between 50 and 60%. Under these conditions the product may be stored in its original packaging up to 12 months. Palletised adhesives should not be stacked.

### Quality and environment

GERGONNE's Quality-Management System is certified in accordance with ISO 9002 since 1992, ISO 9001 : 2000 since 2003, ISO TS 16949 since 2006 and ISO 14001 since 2007. As industrial activities nowadays are rightly subjected to rigorous controls for environmental protection and pollution prevention, GERGONNE has steadfastly concentrated on the development of non-contaminating products, be this either in the manufacturing process or their use. Our production facilities go beyond mere compliance and exceed the requirements of both national and international authorities. Many of our products are manufactured in strict compliance with specific requirements for particular industries. Details available on request.

### Packing solution

Rolls of adhesive tape are very delicate. For this reason GERGONNE has given priority to the development of a full range of packing solutions for the transport of adhesive tape rolls thereby ensuring a supply of quality products in full compliance with customers expectations.

On the opposite page, you can see two examples of packaging : a pallet of adhesive in the upright position, and a pallet with the adhesive laying flat. For further information, please contact our sales department (details given below) or visit our website : [www.gergonne-tape.com](http://www.gergonne-tape.com).



### Roll sizes

<b>Log</b>	A log is a short-length full-width untrimmed roll with extended core at one end. The extended core allows for gripping of the roll while slitting.
<b>Standard</b>	Standard rolls are full-width, of medium length somewhere between a jumbo and a log.
<b>Jumbo</b>	A jumbo is a long full-width roll principally used to avoid or reduce the number of roll changes in adhesive applications.

### Important

The information given on this data sheet is the result of our experience and laboratory tests. However, as end-user conditions, even the most common ones, differ greatly, we recommend that our products be tested for the particular applications envisaged. Our laboratory is at your disposal to carry out product testing should this be required. All of the results given here are average values and should not be interpreted as product specifications. This document should not be reproduced without written permission from GERGONNE.

### For more information

Visit our website : [www.gergonne-tape.com](http://www.gergonne-tape.com).

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