

Technical Data Sheet

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1002 Shatter Film

**Product Description**

1002 is a polyolefin-backed product with acrylic adhesive, designed for superior impact resistance and to ensure the weave does not run in the event of mirror rupture or breakage. It is applied to the back of mirrors to prevent injury from glass particles and/or shards. It is used to avoid the splinters while breaking.

The adhesive system ensures a reliable bond to the back of a mirror and its corresponding mirror backing paint. The application should be done behind the mirror. It is important to verify the compatibility with the silver paint of mirror and our film. FIRA certification.

Features**Main Applications****Technical Data**

	Metric	Test Method
Total Thickness	0,135 ± 10% mm	AFERA 4006
Backing tensile strength long.	> 25 N/mm ²	ASTM D638
Backing tensile strength trasv.	> 22 N/mm ²	ASTM D638
Backing elongation at break long.	> 400 %	ASTM D638
Backing elongation at break trasv.	> 700 %	ASTM D638
Adhesion to steel	695 ± 20% g/25 mm	AFERA 4001
Temperature*	20° ± 10% °C	
Atmospheric pressure*	760 ± 5% mmHg	
Relative humidity*	80 ± 10%	

Backing material

Polyolefins

Type of adhesive

Acrylic

*Environmental condition

Available colour

Clear

Technical Information and Product Use

All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. PPM Industries reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

Storage and Shelf Life

Environmental conditions do affect the adhesion level; some variations can be found even at slightly different temperatures (+/- 1 °C) from the stated ones. These variations do not change the general features of the product.