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Description

This double-sided tape consists of a polyester film carrier, layered on both sides with a modified acrylate adhesive. It has a very good resistance against UV radiation, extreme temperatures, chemicals, solvents and humidity. Its highly shear-resistant adhesive has an excellent durability when attached to metal, varnish and high energy surfaces. It has a good adhesive durability when attached to low energy surfaces. Because of its high adhesive mass it is also appropriate for rough or structured surfaces.

Areas of use

Used for the secure attachment of truck and car mirrors in plastic housings. Used as a self-adhesive medium for trims, covers and cable trunks. For the extension and splicing of paper, textiles, plastic and metal films where high shear strength and adhesion are required.

Technical data*

Carrier	polyester film, 12 microns
Liner	brown paper, both sides coated with silicone
Adhesive	modified acrylate
Adhesive power (FINAT-TM 1, on stainless steel, one side covered with 50 microns polyester film)	
1 minute	24 N/25 mm
20 minutes	30 N/25 mm
24 hours	40 N/25 mm
Shear strength (FINAT-TM 8, on stainless steel, one side covered with 50 microns polyester film)	
23 °C	>400 hours
70 °C	1 hour
Minimum application temperature	15 °C
Resistance to solvents and chemicals	with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
Thickness (adhesive and carrier)	210 microns
Temperature resistance	–40 °C to +160 °C, for short periods up to +180 °C
Shelf life (at 20 °C and 50 % relative humidity)	2 years

* The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information, is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

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