

Description

This double-sided tape consists of a polyester film carrier, layered on both sides with a modified solvent 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.

Carrier

Polyester film, 12 micron

Liner

White silicone-coated paper on both sides, 90 g/m², with blue ORAFOL branding

Adhesive

Modified solvent acrylate

Area 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

Thickness* (adhesive and carrier)	210 micron
Temperature resistance***	-40°C to +160°C, momentary up to +180°C
Resistance to solvents and chemicals	with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
Loop tack* (FINAT TM 9)	33 N/25mm
Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min: 24 N/25mm after 20 min: 30 N/25mm after 24 h: 35 N/25mm
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	at 23°C: > 400 h at 70°C: > 6 h
Temperature resistance* (S.A.F.T.)	140°C
Shelf life**	2 years
Application temperature	> +15°C

* average

** in original packaging, at 20°C and 50% relative humidity

*** normal climate of Central Europe

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and 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.

