

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

Brown paper, both sides coated with silicone, 90 g/m²

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.

The used adhesive meets the demands of the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2008 edition), § 175.105.

Technical Data

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|---|--|--------------|
| Thickness* (carrier + adhesive) | 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 | |
| LoopTack* (FINAT TM 9) | 33 N/25 mm | |
| Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film) | 24 N/25 mm | after 1 min |
| | 30 N/25 mm | after 20 min |
| | 35 N/25 mm | after 24 h |
| Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film) | > 400 h | at 23° C |
| | > 6 h | at 70° C |
| 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 *** 1h, normal climate of Central Europe

IMPORTANT NOTICE

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