

## Description

This double-sided tape consists of a polyester film coated on both sides with a modified acrylic adhesive. Its highly shear resistant adhesive shows excellent durability when attached to metal, varnish and high energy surfaces, and good adhesive durability when attached to low energy surfaces. It has very good resistance against UV radiation, high temperatures, chemicals, solvents and humidity. The adhesive fulfils FDA (Food & Drugs Association), 21 CFR Ch. 1, § 175.105 requirements.

## Carrier

Polyester film (12 micron, transparent)

## Liner

Double-sided siliconised polypropylene film (80 micron, red)

## Adhesive

Modified acrylic

## Area of use

This tape is developed for demanding commercial and industrial applications where high shear strength, high adhesion and temperature resistance are required. It is suitable for the adhesion of signs, scales and plastic films, as well as being ideal for bonding rough or textured surfaces due to its thick adhesive coating.

## Technical Data

|   |  |              |
|---|--|--------------|
| <b>Thickness*</b> (carrier + adhesive)  | 210 micron   |              |
| <b>Temperature resistance***</b>  | -40° C to + 160° C, short-term up to +180° C   |              |
| <b>Resistance to solvents and chemicals</b>   | with correct application resistant to most oils, greases, fuels, aliphatic solvents, weak acids, salts and alkalis |              |
| <b>Loop Tack*</b> (FINAT TM 9)  | 33 N/25 mm   |              |
| <b>Adhesion*</b><br>(FINAT TM 1, on stainless steel,<br>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   |
| <b>Shear strength*</b><br>(FINAT TM 8, on stainless steel,<br>one side covered with 50 micron polyester film) | > 400 h  | at 23° C     |
|   | > 6 h  | at 70° C     |
| <b>Temperature resistance*</b> (S.A.F.T.)   | 140° C   |              |
| <b>Shelf life**</b>   | 2 years  |              |
| <b>Application temperature</b>  | > +15° C   |              |

\* average    \*\* in original packaging, at 20° C and 50% relative humidity    \*\*\* 1h, normal climate of Central Europe

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