

Description

This double-sided tape consists of 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 excellent durability when attached to metal, varnish and high energy surfaces. It has a good adhesive durability when attached to low energy surfaces.

Carrier

Polyester film, 12 micron

Liner

PP film, 80 micron, red, both sides coated with silicone

Adhesive

Modified solvent acrylate

Area of use

Used for the attachment of signs, covers, scales, metal and plastic films where high shear strength, adhesion and extreme temperature resistance are required. Used as a fixing aid in sail production and for attachment of bars and trims.

Technical data

| | | |
|---|--|---|
| Thickness* (carrier + adhesive) | 160 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) | 28 N/25mm | |
| Adhesive power* (FINAT TM 1, stainless steel, one side covered with 50 micron polyester film) | 18 N/25 mm 25 N/25 mm 29 N/25 mm | after 1 min after 20 min after 24 h |
| Shear strength* (FINAT TM 8, stainless steel, one side covered with 50 micron polyester film) | > 400 h > 6 h | at 23°C at 70°C |
| Temperature resistance* (S.A.F.T.) | 160°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

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.

