

Description

This double-sided tape consists of a polyester film coated on both sides with an 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.

Carrier

Polyester film (12 micron, transparent)

Liner

Double-sided siliconised paper (90 g/m², yellow)

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 used for the adhesion of signs, scales and plastic films.

Technical Data (preliminary data)

Thickness* (adhesive and carrier)	80 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
Adhesion* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min: 18 N/25 mm after 20 min: 18 N/25 mm after 24 h: 18 N/25 mm
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.)	160° C
Shelf life***	2 years
Application temperature	> +15° C

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

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