

Description

This double-sided tape consists of a polypropylene film coated on both sides with an acrylic adhesive. Its highly shear resistant adhesive has 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

Polypropylene film (57 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, strong adhesion and high temperature resistance are required. It is used for the secure attachment of truck and car mirrors in plastic housings, as self-adhesive medium for trims, covers and cable trunks, and for the extension and splicing of paper, textiles, plastic and metal films.

Technical Data

Thickness* (adhesive and carrier)	215 micron	
Temperature resistance***	- 40° C to +120° C, short-term up to 160° C	
Resistance to solvents and chemicals	with correct application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis	
Loop Tack* (FINAT TM 9)	28 N/25 mm	
Adhesion* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	22 N/25 mm	after 1 min
	25 N/25 mm	after 20 min
	28 N/25 mm	after 24 h
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	> 600 h	at 23° C
	> 10 h	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

Available Liner versions

P9 Single-sided siliconised HDPE film (50 micron, white)
K3 Double-sided siliconised polypropylene (100 micron, yellow)

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