

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.

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 is 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.

Certificates

The adhesive fulfils FDA (Food & Drugs Association), 21 CFR Ch. 1, § 175.105 requirements.

Technical Data

Thickness* (carrier + adhesive)	210 micron	
Temperature resistance***	-40° C to + 160° C, short-term up to +180° C	
Resistance to solvents and chemicals	with correct application resistant to most oils, greases, fuels, aliphatic solvents, weak acids, salts and alkalis	
Loop Tack* (FINAT TM 9)	33 N/25 mm	
Adhesion* (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

Available Liner versions

04	Double-sided siliconised paper (90 g/m ² , yellow, high release)
09*	Double-sided siliconised paper (90 g/m ² , white)
K3*	Double-sided siliconised polypropylene film (100 micron, yellow)
PP	Double-sided siliconised polypropylene film (80 micron, red)
TM	Double-sided siliconised paper (90 g/m ² , white with blue ORAFOL logo)
W*	Double-sided siliconised PE paper (140 g/m ² , white)

*Request MOQ.

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