

Description

This double-sided tape consists of a paper tissue carrier 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

Paper tissue (12,7 g/m², white)

Liner

Double-sided siliconised paper (90 g/m², white with blue ORAFOL logo)

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

Technical Data

Thickness* (carrier + adhesive)	190 micron	
Temperature resistance***	-40° C to + 140° C, short-term up to +160° 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)	28 N/25 mm	
Adhesion* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	21 N/25 mm	after 1 min
	29 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.)	120° 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

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