

Description

This double-sided tape consists of a polyester film carrier, layered on both sides with a modified solvent acrylate adhesive. It has a good resistance to UV radiation, extreme temperatures, chemicals, solvents and humidity. Its cohesive adhesive has excellent durability when attached to metal, varnish and high energy plastic surfaces. It has a good adhesive when attached to low energy surfaces. This polyester tape is lined with a double-sided siliconised paper.

Carrier

Polyester film, 12 micron

Liner

Brown paper, both sides coated with silicone, 90 g/m²

Adhesive

Modified solvent acrylate

Area of use

Self-adhesive equipment of signs, scales and plastic films where high shear strength, adhesion and temperature resistance are required.

Technical Data

Thickness* (carrier and adhesive)	70 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, greases, fuels, aliphatic solvents, weak acids, salts and alkalis	
LoopTack* (FINAT TM 9)	15 N/25 mm	
Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	18 N/25 mm	after 1 min
	22 N/25 mm	after 20 min
	24 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
	> 3 h	at 70° C
Temperature resistance* (S.A.F.T.)	110° 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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