



Double sided adhesive tape 9088-200 and 9088F200

Product Data Sheet

May 2017
Supersedes: Aug 2016

Product Description

Double sided adhesive tape with polyester carrier and modified acrylic adhesive

Key Features

- High adhesion to nearly every high and low surface energy substrate
- High initial tack
- All purpose tape
- Good UV resistance
- High shear and temperature resistance
- Easy handling and converting due to polyester carrier
- Film liner for clean handling and automatic unwinding activities

Application ideas

- Self- adhesive mounting of furniture trim, sealing profiles and cable ducts
- Bonding and mounting of sales displays and billboards
- Fixing of decorative trims and emblems

Construction

Adhesive Type	Modified Acrylic	
Adhesive side open face 1	0,09 mm	
Adhesive Carrier	PET 0,012 mm, transparent	
Adhesive back side 2	0,09 mm	
Tape Colour	colourless	
Total thickness without liner	0,20 mm	
	9088F200	9088-200
Release Liner	Polypropylene Film, red 74 g/m ² 0,082 mm	Glassine paper, white 94 g/m ² 0,08 mm

1 open face side is visible when unwinding the roll.

2 the back side is visible after removing the liner

Calipers are average values

Performance Characteristics

Adhesion to Stainless Steel - [N/25 mm] Finat FTM1 (72h RT, 180 ° peel angle, 300mm/min, Haul-off speed, 0,05 mm PET)	29
Adhesion to Polypropylene - [N/25 mm] Finat FTM1, (72h RT, 180 ° peel angle, 300mm/min, Haul-off speed, 0,05 mm PET)	26
Adhesion to Polycarbonate - [N/25 mm] Finat FTM1 (72h RT, 180 ° peel angle, 300mm/min, Haul-off speed, 0,05 mm PET)	20
Adhesion to ABS - [N/25 mm] Finat FTM1 (72h RT, 180 ° peel angle, 300mm/min, Haul-off speed, 0,05 mm PET)	24
Static Shear Resistance to Stainless Steel - [min] Finat FTM8) (RT, 1 kg/1"x1")	> 10.000
Static shear resistance to stainless steel - [min] Finat FTM8 (at 90 °C, 0,5 kg/1"x1".)	> 10.000
Temperature resistance SAFT (40-180 °C; 2°C/min) 500g /1"x1")	Pass

Solvent Resistance (KBA, Issue March 2014)

Media	Substrate	Immersion time [h]	Immersion temperature [°C]	Visual assessment after 48h reconditioning at RT	
Deionized Water	Glass	1	50 ± 2	no change	
5% Hydrochloric Acid	Glass	1	20 ± 2	no change	good adhesion
1% Sodium hydroxid	Glass	0,50	20 ± 2	slight delamination of edges	good adhesion
Ethyl Alcohol	Glass	0,25	20 ± 2	sample slightly moved	good adhesion
Premium gasoline, lead - free	Aluminium	0,3	20 ± 2	slight leakage of adhesive adhesive edge swelled (5%)	good adhesion (95%)
Diesel	Aluminium	0,5	20 ± 2	slight leakage of adhesive adhesive edge swelled (5%)	good adhesion (95%)
Methyl-Ehyl-Ketone	Aluminium	0,5	20 ± 2	slight leakage of adhesive adhesive edge swelled (5%)	good adhesion (95%)
Motor oil (HD Oil)	Aluminium	1,00	20 ± 2	no change	good adhesion
5%Tenside (amphoteric,an-ionic nonionic) in H2O	Glass	0,5	20 ± 2	no change	good adhesion

Temperature resistance	Short term (minutes, max.1 hour): -40 °C – 150 °C Long term (days, weeks): 90 °C
Storage & Shelf Life	Store at 16 °C – 25 °C and 40-65 % relative humidity in its original box. The product can be stored up to 24 months after production. Note: The shelf life may be shortened if the original packaging is not properly sealed or stored in an environment with high temperatures or humidity
Precautionary Information	Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information please contact your local 3M Office. www.3M.com
For Additional Information	To request additional product information or to arrange for sales assistance, call..... Address correspondence to: 3M
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<p>3M United Kingdom PLC 3M Centre, Cain Road Bracknell Berkshire, RG12 8HT 0870 60 800 50</p>	<p>3M Ireland Ltd The Iveagh Building The Park, Carrickmines Dublin 18 00353 (01) 280 3555</p>
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