



Double sided adhesive tape 9088-200

Product Data Sheet

September 2022
Supersedes: January 2019

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

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 | Transparent PET 0,012 mm |
| Adhesive back side 2 | 0,09 mm |
| Tape Colour | colourless |
| Total thickness without liner | 0,20 mm |
| Release Liner | 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 |
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3M United Kingdom PLC
2M Centre, Cain Road, Bracknell
RG12 8HT
United Kingdom

3M Svenska AB
Herrjärva torg 4
170 67 Solna
Sweden

3M Eesti OÜ
Pärnu mnt. 158
11317 Tallinn
Estonia

3M Ireland Ltd
The Iveagh Building, 3rd Floor
The Park, Carrickmines 18
Ireland

3M a/s
Hannemanns Allé 53
DK-2300 Copenhagen S.
Denmark

3M Latvia SIA
K.Ulmaņa gatve 5
Rīga, LV-1004
Latvia

3M Belgium bvba/sprl
Hermeslaan 7
1831 Diegem
Belgium

3M Norge AS
Tærudgata 16
2004 Lillestrøm
Norway

3M Lietuva UAB
A.Goštauto g. 40
Vilnius LT- 03163
Lithuania

3M Nederland B.V.
Molengraaffsingel 29
2629 JD Delft
The Netherlands

Suomen 3M Oy
Keilaranta 6
02150 Espoo
Finland