



# 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	
	<b>9088F200</b>	<b>9088-200</b>
Release Liner	Polypropylene Film, red 74 g/m <sup>2</sup> 0,082 mm	Glassine paper, white 94 g/m <sup>2</sup> 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

<b>Temperature resistance</b>	Short term (minutes, max.1 hour): -40 °C – 150 °C Long term (days, weeks): 90 °C
<b>Storage &amp; Shelf Life</b>	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.  <b>Note:</b> The shelf life may be shortened if the original packaging is not properly sealed or stored in an environment with high temperatures or humidity
<b>Precautionary Information</b>	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. <a href="http://www.3M.com">www.3M.com</a>
<b>For Additional Information</b>	To request additional product information or to arrange for sales assistance, call..... Address correspondence to: 3M
<b>Important Notice</b>	All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

3M is a trademark the 3M Company.

<p><b>3M United Kingdom PLC</b> 3M Centre, Cain Road Bracknell Berkshire, RG12 8HT 0870 60 800 50</p>	<p><b>3M Ireland Ltd</b> The Iveagh Building The Park, Carrickmines Dublin 18 00353 (01) 280 3555</p>
---	---