



# Double sided adhesive tape GPT-020F

## Product Data Sheet

December 2019

Supersedes: October 2019

### Product Description

Double sided adhesive tape with polyester carrier  
Modified acrylic adhesive Film Liner

### Key Features

- High adhesion to a variety of high and low surface energy substrate
- High initial tack
- All-purpose tape
- 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	Modified Acrylic
Adhesive side open face <sup>1</sup>	0,095 mm
Carrier	PET 0,012 mm, transparent
Adhesive back side <sup>2</sup>	0,095 mm
Total thickness without liner	0,202 mm
Liner	Polypropylene film liner, white (0,100 ± 0,010 mm)

<sup>1</sup>The open face side is visible, when unwinding the roll.

<sup>2</sup>The back side is visible after removal of the liner.

Calipers are average values.

Calculation of the adhesive caliper based on an average density of 1.012 g/ cm<sup>3</sup>.

**Performance Characteristics**

<b>Adhesion to Stainless Steel</b> acc. to Finat FTM1 (after 72 h at RT, angle: 180°, Haul-off speed: 300 mm/min., (0,05 mm PET-Film)	11,30 N/cm
<b>Adhesion to ABS</b> acc. to Finat FTM1 (after 72 h at RT, angle: 180°, Haul-off speed: 300 mm/min., (0,05 mm PET-Film)	10,86 N/cm
<b>Adhesion to Polycarbonate</b> acc. to Finat FTM1 (after 72 h at RT, angle: 180°, Haul-off speed: 300 mm/min., (0,05 mm PET-Film)	12,32 N/cm
<b>Adhesion to Polypropylene</b> acc. to Finat FTM1 (after 72 h at RT, angle: 180°, Haul-off speed: 300 mm/min., (0,05 mm PET-Film)	12,26 N/cm
<b>Adhesion to Glass</b> acc. to Finat FTM1 (after 72 h at RT, angle: 180°, Haul-off speed: 300 mm/min., (0,05 mm PET-Film)	11,79 N/cm
<b>Static shear resistance to stainless steel</b> acc. to Finat FTM8, 1 kg/ 1"x1", at RT	> 10.000 min
<b>Static shear resistance to stainless steel</b> acc. to Finat FTM8; 500 g /0.5"x1" at 90 °C	>10.000 min
<b>Temperature Performance</b> (SAFT, PSTC 17, 40 °C to 205 °C, 0.5 °C / min), 500 g / 1"x1"	> 190 °C
<b>Temperature Performance</b> (SAFT, PSTC 17, 40 °C to 205 °C, 0.5 °C / min), 1000 g / 1"x1"	> 160 °C

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**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 18 months after date of manufacturing.

**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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**Precautionary Information**

For information please contact your local 3M Office.  
[www.3M.com](http://www.3M.com)

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**For Additional Information**

To request additional product information or to arrange for sales assistance, call.....  
Address correspondence to: 3M

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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

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