



# 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.  
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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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