



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 and Film Liner

Key Features

- High adhesion to a variety of high and low surface energy substrates
- 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 ¹ | 0,095 mm |
| Carrier | PET 0,012 mm, transparent |
| Adhesive back side ² | 0,095 mm |
| Total thickness without liner | 0,202 mm |
| Liner | Polypropylene film liner, white (0,100 ± 0,010 mm) |

¹The open face side is visible, when unwinding the roll.

²The 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/cm³.

Performance Characteristics

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Adhesion to Stainless Steel 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 |
| Adhesion to ABS 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 |
| Adhesion to Polycarbonate 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 |
| Adhesion to Polypropylene 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 |
| Adhesion to Glass 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 |
| Static shear resistance to stainless steel acc. to Finat FTM8, 1 kg/ 1"x1", at RT | > 10.000 min |
| Static shear resistance to stainless steel acc. to Finat FTM8; 500 g /0.5"x1" at 90 °C | >10.000 min |
| Temperature Performance (SAFT, PSTC 17, 40 °C to 205 °C, 0.5 °C / min), 500 g / 1"x1" | > 190 °C |
| Temperature Performance (SAFT, PSTC 17, 40 °C to 205 °C, 0.5 °C / min), 1000 g / 1"x1" | > 160 °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 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

Precautionary Information

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, please see below for contact details.

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