Double sided adhesive tapes
GPT-020F * GPT-020
Product Data Sheet

February 2022
Supersedes: December 2019

Product Description

Double sided adhesive tape with polyester carrier
Modified acrylic adhesive GPT-020F filmic liner and GPT-020 PCK paper liner

Key Features

- High adhesion to nearly every 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

	GPT-020F	GPT-020
Adhesive	Modified Acrylic	Modified Acrylic
Adhesive side open face [1]	0,095 mm	0,095 mm
Carrier	PET 0,012 mm, transparent	PET 0,012 mm, transparent
Adhesive back side [2]	0,095 mm	0,095 mm
Total thickness without liner	0,200 mm	0,200 mm
Liner	Polypropylene film liner, white with red logo print (0,100 ± 0,010 mm),	PCK paper liner, white with red logo print (0,100 ± 0,010 mm),

[1]The open face side is visible, when unwinding the roll.
[2] 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/ 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 room temp, 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 room temp, 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 room temp, 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 room temp, 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, 1kg/ 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*

* Temperature performance test done for GPT-020F

Storage & Shelf Life	Store at 15 °C–25 °C and 40-60 % 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, call: 3M Italia s.r.l. Adesivi e Nastri per l'Industria Via N. Bobbio 21 - 20096 Pioltello (MI) Tel: 02-7035.1 - Fax: 02-7035.2262 Address correspondence to: 3M
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