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# 3M™ Double Coated Tape GPT-020F

## Product Description

3M™ Double Coated Tape GPT-020F is an 8 mil thick, double sided tape utilizing a modified acrylic adhesive with polyester carrier and a BOPP (Bi-axially Oriented Polypropylene) film liner.

## Product Features

- High adhesion to a variety of high and low surface energy substrates
- High initial tack
- High shear and temperature resistance
- Easy handling and converting due to polyester carrier
- Bi-axially Oriented Polypropylene (BOPP) Liner for clean handling and automatic unwinding
- General Purpose Tape (GPT)
- High thermal and humidity resistance



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## Typical Physical Properties

Property	Values	
Colour	Clear	
Total Tape Thickness without liner	0.202 mm	7.95 mil
Carrier Thickness	0.012 mm	0.47 mil
Adhesive	Modified Acrylic	
Adhesive Carrier	PET	
Liner	Bi-axially Oriented Polypropylene film, White with Red 3M Logo	
Liner Thickness	0.1 mm	3.9 mil
Shear Adhesion Failure Test – SAFT	500 g >190°C, 1000 g >160°C White with Red 3M Logo	500 g >375°F, 1000 g >330°F

Adhesive Thickness		Attribute Modifier	Notes
0.095 mm	3.75 mil	Backside	Backside adhesive is on the exterior of the roll, exposed when liner is removed.
0.095 mm	3.75 mil	Faceside	Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.

Property: Adhesive Thickness

## Typical Performance Characteristics

Property	Values	Method	Test Condition	Notes
Static Shear	>10,000 min	ASTM D3654	1000 g @ Room Temperature	1 in² sample size
Static Shear	>10,000 min	ASTM D3654	500 g @ 70°C (158°F)	0.5 in² sample size
UV Resistance	Excellent			

180° Peel Adhesion		Substrate
12.32 N/cm	113 oz/in	Polycarbonate (PC)
10.86 N/cm	99 oz/in	ABS
12.26 N/cm	112 oz/in	Polypropylene (PP)
11.79 N/cm	108 oz/in	Glass
11.3 N/cm	103 oz/in	Stainless Steel

Property: 180° Peel Adhesion  
Method: ASTM D3330  
Dwell/Cure Time: 72  
Dwell Time Units: hr

Temp C: 22°C  
Temp F: 72°F  
Environmental Condition: 52%RH  
Notes: 12 in/min (300 mm/min)

## Handling/Application Information

### Application Ideas

- Point of purchase displays (POP)
- Indoor/outdoor signage and banners
- Bonding and mounting of sales displays and billboards
- Paper bonding and packaging
- Splicing
- Mounting of plastic parts
- Mounting of furniture and decorative trims
- Fixing of decorative trims and emblems

### Storage and Shelf Life

It is suggested that products are stored at room temperature conditions of 70°F (21°C) and 50% relative humidity. If stored properly, product retains its performance and properties for 18 months from date of manufacture. 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.

### Certificate of Analysis (COA)

Available upon request.

### Trademarks

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### ISO Statement

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