



Safety & Industrial
Business Group

Introducing

3M™ Double Coated Tapes GPT-020 GPT-020F GPT-020TF





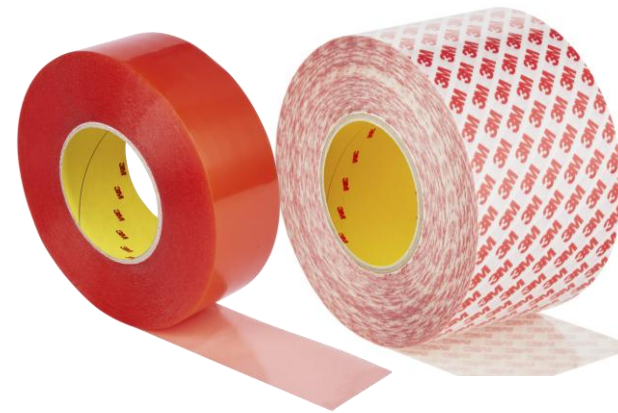
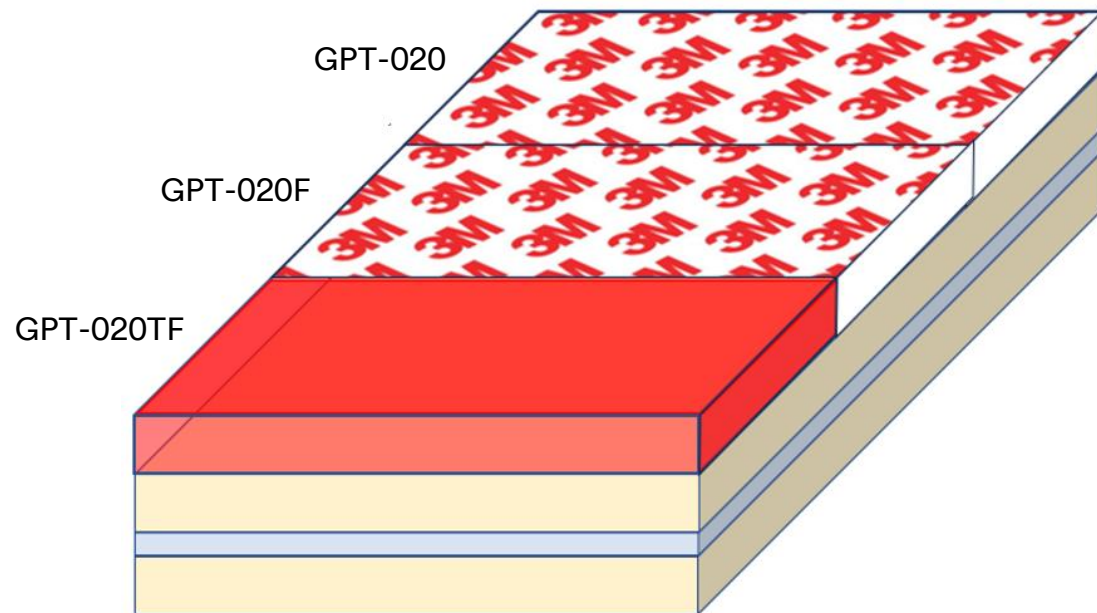
3M™ Double Coated Tape GPT-020 product family

Product Comparison

All three GPT products are 200-micron double coated tapes with 95-microns of acrylic adhesive coated on each side of a 12-micron clear PET carrier.

Each product has a unique liner option to provide customers with flexibility to optimize their converting process.

- GPT-020: 58# PCK white liner with red 3M™ logo
Yellow Core with red 3M™ logo
- GPT-020F: 100µm white PP liner with red 3M™ logo
Yellow Core with red 3M™ logo
- GPT-020TF: 80µm translucent red PP liner
Yellow Core with red 3M™ logo





Product Features

GPT-020 & GPT-020F

Clear solventless acrylic

High temperature resistance:

Up to 320°F (160°C)* with 1000g / 1"x1"

Up to 375°F (190°C)* with 500g / 1"x1"

Multi-material bonding: Good peel and static shear performance on High Surface Energy (HSE) and Low Surface Energy (LSE) substrates:

Static Shear: > 10,000 min @ 195°F (90°C), 500g / 0.5" x 1", Stainless Steel

180° Peel at Room Temperature on Stainless Steel: 103 oz/in (11.8 N/cm)

High initial tack, even at lower temperatures — adheres at 40°F (5°C)

White PCK printed liner, or White Biaxial Oriented Polypropylene (BOPP) film liner for easy release & handling and tear resistant for continuous processing & automation (100 micron – 4.0 mil)

GPT-020TF

Clear solventless acrylic

High temperature resistance:

Up to 295°F (149°C)* with 1000g / 1"x1"

Up to 395°F (202°C)* with 500g / 1"x1"

Multi-material bonding: Good peel and static shear performance on High Surface Energy (HSE) and Low Surface Energy (LSE) substrates:

Static Shear: > 10,000 min @ 200°F (93°C), 500g / 0.5" x 1", Stainless Steel

180° Peel at Room Temperature on Stainless Steel: 106 oz/in (11.8 N/cm)

High initial tack, even at lower temperatures — adheres at 40°F (5°C)

Red Translucent Polypropylene (PP) film liner for easy liner release & handling and tear resistant for continuous processing & automation (80 micron – 3.2 mils)

*Per SAFT, PSTC 17, ramping from 40°C to 205°C at 0.5°C/minute

Value Proposition

Upgraded Performance backed by 3M expertise GPT-020 demonstrates characteristics such as durability, quality, and trusted reliability in versatile applications.

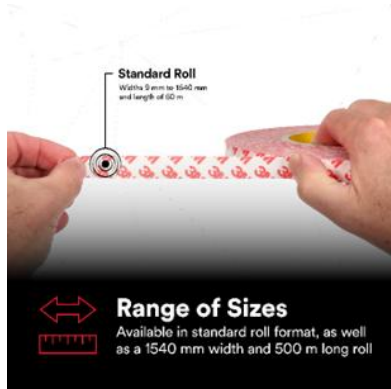
Expect performance, Spec 3M, get GPT-020TF

One Tape, many applications:

- High temp resistance of 300° F/149° C (short-term)
- Solvent-free adhesive coating process, uses less energy and has significantly lower CO₂ equivalents per square meter than a comparable product construction made with a solvent-based adhesive coating process.
- Adhesion to HSE, MSE and LSE as PE/PP
- High initial tack

Product	Liner	Liner Print	Core	Key Benefits
GPT-020	#58 PCK Paper Liner	Red 3M Logo	Yellow Core with red 3M™ logo. Level Wound rolls have white unbranded core	White paper with red 3M logo, high quality, trusted reliability, and converting performance.
GPT-020F	100µm Polypropylene Liner	Red 3M Logo		White PP film with red 3M logo, high quality, trusted reliability, and converting performance.
GPT-020TF	80µm Polypropylene Liner	No Print		Red translucent PP film, tailored solution for specific applications, backed by 3M expertise.

Creating designs in applications.



Application Ideas

- ▶ POP/POS displays
- ▶ Light boxes
- ▶ Indoor-outdoor signs
- ▶ Paper bonding and packaging
- ▶ Metal fabrication
- ▶ Splicing and bonding
- ▶ Sports equipment
- ▶ Home decoration
- ▶ Trim attachment in appliance
- ▶ Mounting of plastic parts
- ▶ Mounting in electronics
- ▶ Furniture trim attachment

Rising to the challenge in many markets including:



General Industrial



Specialty Vehicle
(Truck, Bus, Rail, RVs)



Medical Devices



Sign & Display



Appliance



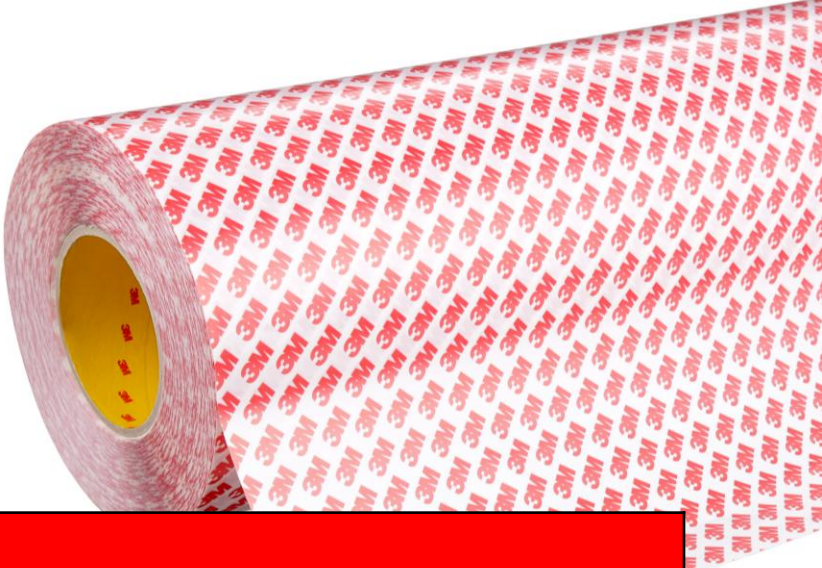
Outdoor Power Equipment

3M™ Double Coated Tape GPT-020

Roll Sizes and Product Numbers

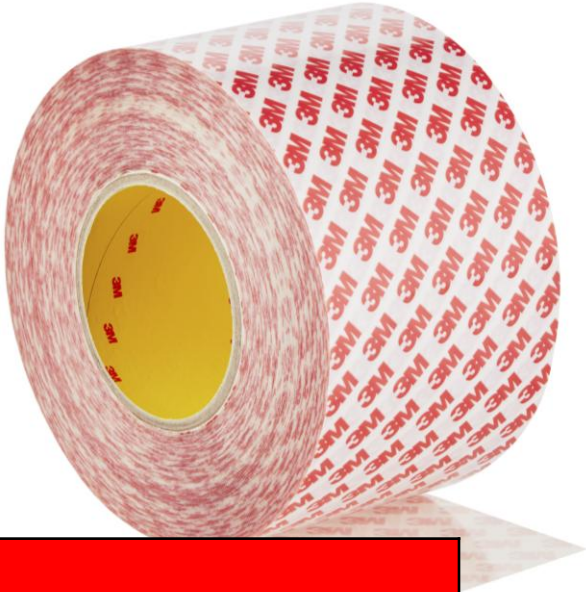
Log Rolls

SAP ID	Product Description
7100369920	3M™ Double Coated Tape GPT-020, Paper Liner, 1540mm x 500m, 1 Roll/Case
7100395145	3M™ Double Coated Tape GPT-020, Paper Liner, 1540mm x 230m, 1 Roll/Case
7100369857	3M™ Double Coated Tape GPT-020, Paper Liner, 1540mm x 50m, 1 Roll/Case
7100369936	3M™ Double Coated Tape GPT-020, Paper Liner, 1000mm x 50m, 1 Roll/Case
7100369955	3M™ Double Coated Tape GPT-020, Paper Liner, 50mm x 50m, 6 Roll/Case
7100369984	3M™ Double Coated Tape GPT-020, Paper Liner, 38mm x 50m, 10 Roll/Case
7100369922	3M™ Double Coated Tape GPT-020, Paper Liner, 25mm x 50m, 10 Roll/Case
7100370006	3M™ Double Coated Tape GPT-020, Paper Liner, 19mm x 50m, 16 Roll/Case
7100369880	3M™ Double Coated Tape GPT-020, Paper Liner, 15mm x 50m, 16 Roll/Case
7100369698	3M™ Double Coated Tape GPT-020, Paper Liner, 12mm x 50m, 20 Roll/Case
7100369919	3M™ Double Coated Tape GPT-020, Paper Liner, 9mm x 50m, 27 Roll/Case



3M™ Double Coated Tape GPT-020F

Roll Sizes and Product Numbers



Log Rolls

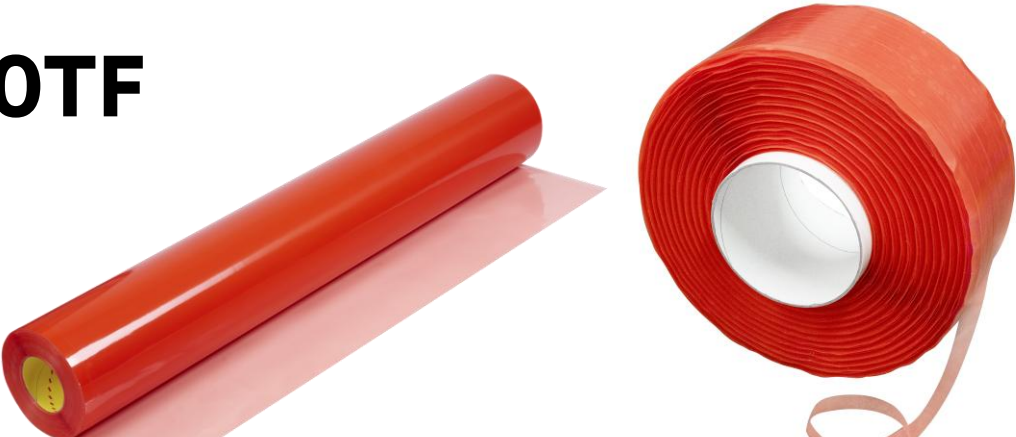
SAP ID	Product Description
7100369819	3M™ Double Coated Tape GPT-020F, Film Liner, 1540mm x 500m, 1 Roll/Case
7100369921	3M™ Double Coated Tape GPT-020F, Film Liner, 1540mm x 50m, 1 Roll/Case
7100369820	3M™ Double Coated Tape GPT-020F, Film Liner, 100mm x 50m, 5 Roll/Case
7100369902	3M™ Double Coated Tape GPT-020F, Film Liner, 50mm x 50m, 6 Roll/Case
7100369937	3M™ Double Coated Tape GPT-020F, Film Liner, 25mm x 50m, 11 Roll/Case
7100369918	3M™ Double Coated Tape GPT-020F, Film Liner, 19mm x 50m, 15 Roll/Case
7100369845	3M™ Double Coated Tape GPT-020F, Film Liner, 12mm x 50m, 24 Roll/Case

3M™ Double Coated Tape GPT-020TF

Roll Sizes and Product Numbers

Log Rolls

SAP ID	Product Description
7100363393	3M™ Double Coated Tape GPT-020TF, Transparent, Translucent Film liner, 1540mm x 500m, 1 Roll/Case
7100363413	3M™ Double Coated Tape GPT-020TF, Transparent, Translucent Film liner, 1540mm x 50m, 1 Roll/Case



Level Wound Rolls

SAP ID	Product Description
7100369500	3M™ Double Coated Tape GPT-020TF, Red Film Liner, Level Wound, 6mm x 5000m, 1 Roll/Case
7100369697	3M™ Double Coated Tape GPT-020TF, Red Film Liner, Level Wound, 9mm x 4000m, 1 Roll/Case
7100369719	3M™ Double Coated Tape GPT-020TF, Red Film Liner, Level Wound, 12mm x 3000m, 1 Roll/Case
7100369529	3M™ Double Coated Tape GPT-020TF, Red Film Liner, Level Wound, 19mm x 2000m, 1 Roll/Case

GPT-020TF Level Wound Rolls

Level Wound rolls refer to a method of winding tape on a roll where each layer is wound partially overlapping the previous layer, creating a smooth and even roll. When precision is crucial, this technique helps ensure tape is dispensed evenly and consistently. Level winding helps prevent issues like telescoping or uneven edges, which can occur with other winding methods.

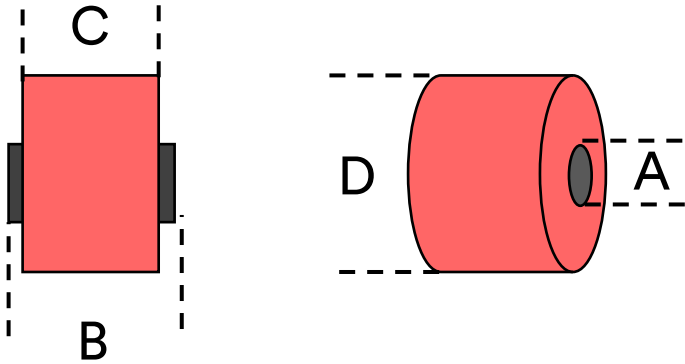
Using level wound rolls in automation increases throughput and reduces roll change overs.

Application Examples

- Continuous extrusion processes requiring PSA adhesives
- In-line continuous application process
- Automatic dispensing systems

Product sizes and dimensions

Product Description	Core diameter (A)	Core Width (B)	Tape winding width (C)	Roll diameter (D)
GPT-020TF DCT 6mm x 5000m 1/CV	152mm (6 in)	180mm (7 in)	160mm (6.3 in)	329mm (13 in)
GPT-020TF DCT 9mm x 4000m 1/CV				355mm(14 in)
GPT-020TF DCT 12mm x 3000m 1/CV				353mm(13.9 in)
GPT-020TF DCT 19mm x 2000m 1/CV				364mm(14.3 in)

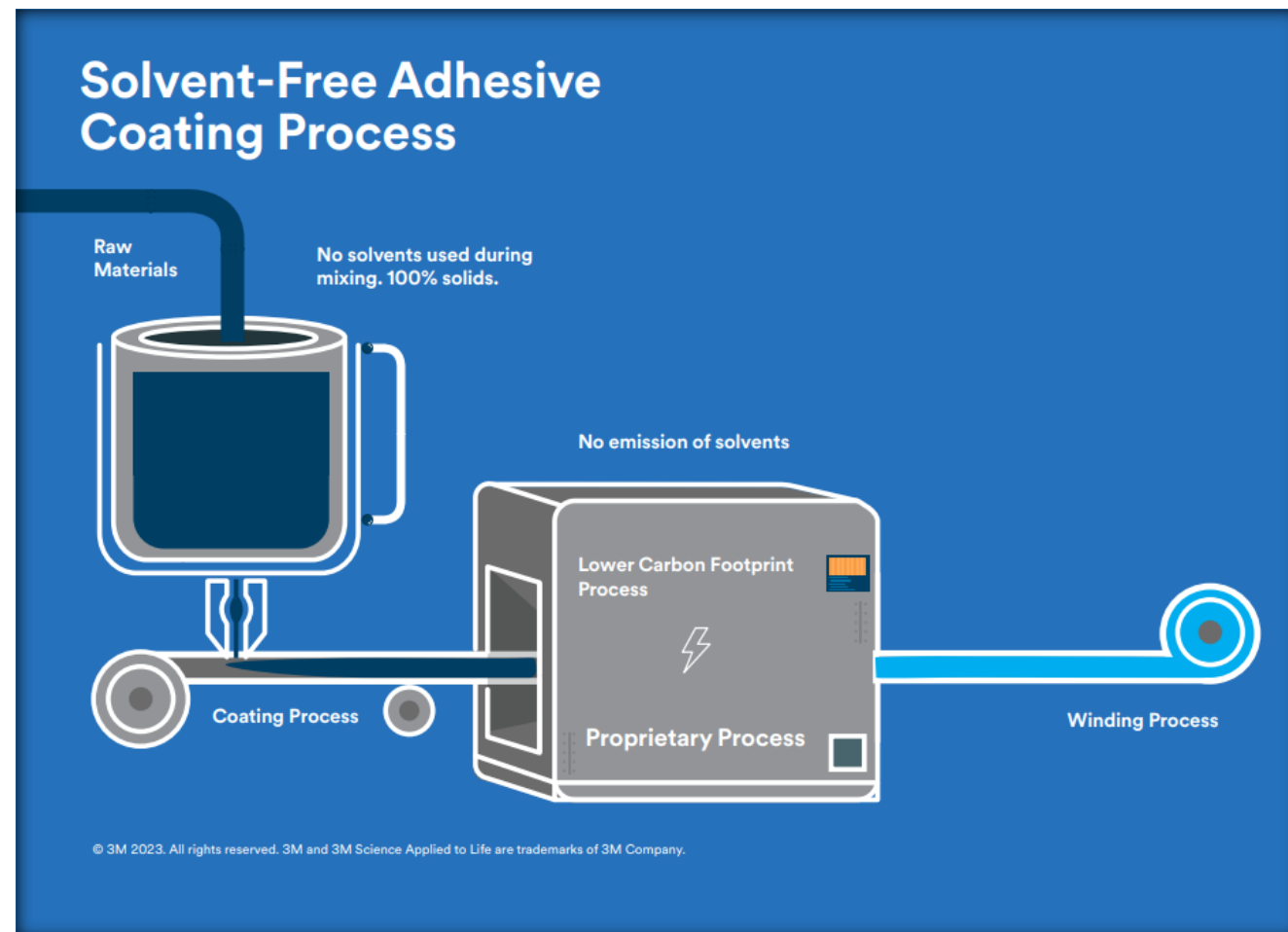




Sustainability

In 3M's proprietary solvent-free adhesive coating process:

- Raw materials are combined to create a solvent-free adhesive mixture which is coated on a release liner or backing.
- The coated substrate runs through a proprietary process to transform the adhesive to a pressure sensitive adhesive tape.
- Since there are no solvents involved, this process uses less energy and has significantly lower CO₂ equivalents per square meter than a comparable product construction made with a solvent-based adhesive coating process.

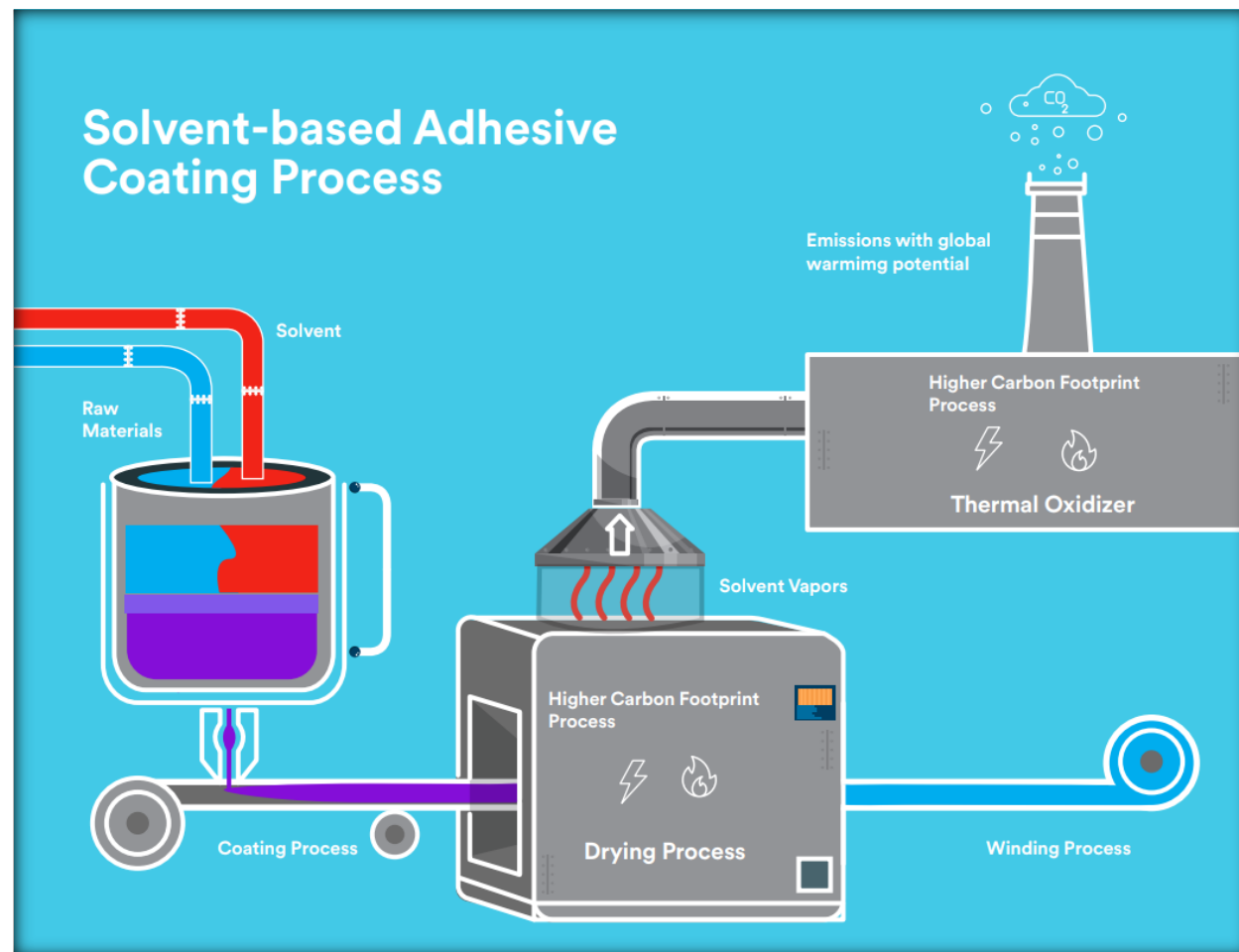




Solvent-based Adhesive Coating Process Comparison

In a solvent-based adhesive coating process

- Raw materials are suspended in solvents to create an adhesive mixture which is coated onto a release liner or backing.
- The solvents are evaporated out of the coated adhesive mixture through a drying process, resulting in a pressure sensitive adhesive tape.
- Solvent vapors from the drying process are likely Hazardous Air Pollutants (HAPS) or Volatile Organic Compounds (VOCS) and cannot be emitted into the atmosphere*.
- Commonly, solvent vapors are managed by use of a Thermal Oxidizer (TO) which transforms the solvent vapors to CO₂ and water through combustion.
- The drying and TO processes both use significant energy in addition to emitting CO₂ to the atmosphere, leading to higher CO₂ equivalents per square meter of tape vs. the 3M Proprietary Solvent-free Adhesive Coating Process



Application Example

Nameplates & Signage

Industry

Printing

Application

Mounting metal labels and nameplates on bottles, sporting goods, and signage

Competitive Advantages

- ▶ Excellent adhesion
- ▶ Ability to bond a variety of substrates (e.g., bottles)
- ▶ Performance with curved labels

Images are for illustrative purposes only and not of actual application.



Application Example

Gym Equipment

Industry

Health & wellness, through converter

Application

Bonding polycarbonate overlay to plastic in gym equipment

Competitive Advantages

- ▶ Excellent adhesion
- ▶ Bonding dissimilar materials including LSE plastics
- ▶ Competitive price

Images are for illustrative purposes only and not of actual application.



Application Example

Portable Office Partition

Industry Industrial

Application

Bonding HSE plastic to HSE plastic in portable office partitions

Competitive Advantages

- ▶ Excellent adhesion
- ▶ Competitive price
- ▶ Strength of 3M & relationship of sales rep with customer



Application Example

Point of Purchase Display

Industry Point of Purchase Advertising

Application

Point of Purchase (POP) display, bonding paper to paper

Competitive Advantages

- ▶ Excellent adhesion
- ▶ Competitive price
- ▶ Versatility of product for POP displays/substrates

Images are for illustrative purposes only and not of actual application.



Application Example

Appliance Trim

Industry

Appliance

Application

Decorative trim on appliances needing improved aesthetics
plastic to metal

Competitive Advantages

- ▶ Excellent adhesion
- ▶ Competitive price
- ▶ Ability to bond dissimilar materials

Images are for illustrative purposes only and not of actual application.



3M™ Double Coated Tape GPT-020



GPT: General Purpose Tape
020: 200 microns
PCK liner

Application Ideas

- POP/POS displays
- Light boxes
- Indoor-outdoor signs
- Paper bonding and packaging
- Metal fabrication
- Splicing and bonding
- Sports equipment
- Home decoration
- Trim attachment in appliance
- Mounting of plastic parts
- Mounting in electronics
- Furniture trim attachment



Bonds to many high surface energy substrates and some low surface energy substrates, including:

- Stainless steel
- HDPE
- ABS
- Acrylic
- PP
- Polycarbonate
- Aluminum
- Glass

Top Markets



- General Industrial
- Sign & Display
- Specialty Vehicle



- Appliance
- Medical Devices
- Outdoor Power Equipment

Product Characteristics

- Excellent peel performance on a variety of substrates
- Excellent initial adhesion on most LSE and HSE surfaces
- Superior high temperature shear performance
- Solvent-free adhesive coating technology
- High thermal and humidity resistance

Technical Overview (See TDS for details)

SAP ID	Product Description
7100369919	3M™ Double Coated Tape GPT-020, 9 mm x 50 m (0.35" x 55yds)
7100369698	3M™ Double Coated Tape GPT-020, 12 mm x 50 m (0.47" x 55yds)
7100369880	3M™ Double Coated Tape GPT-020, 15 mm x 50 m (0.6" x 55yds)
7100370006	3M™ Double Coated Tape GPT-020, 19 mm x 50 m (0.75" x 55yds)
7100369922	3M™ Double Coated Tape GPT-020, 25 mm x 50 m (1" x 55yds)
7100369984	3M™ Double Coated Tape GPT-020, 38 mm x 50 m (1.5" x 55yds)
7100369955	3M™ Double Coated Tape GPT-020, 50 mm x 50 m (2" x 55yds)

Adhesive	Solventless acrylic
Carrier type (thickness)	PET 12 micron (0.5 mil)
Liner type (thickness)	White PCK 100 micron (4 mil)
Total tape thickness without liner	200 micron (8 mil)
High temperature performance	320°F (160°C), 1000g/1"x1" 375°F (190°C), 500g/1"x1"
Static Shear	>10,000 minutes @195° F (90°C)
Color	Transparent



3M™ Double Coated Tape GPT-020F



GPT: General Purpose Tape
020: 200 microns
F = Film liner

Application Ideas

- POP/POS displays
- Light boxes
- Indoor-outdoor signs
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- Sports equipment
- Home decoration
- Trim attachment in appliance
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- Mounting in electronics
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Bonds to many high surface energy substrates and some low surface energy substrates, including:

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- Aluminum
- Glass

Top Markets



- General Industrial
- Sign & Display
- Specialty Vehicle



- Appliance
- Medical Devices
- Outdoor Power Equipment

Product Characteristics

- Excellent peel performance on a variety of substrates
- Excellent initial adhesion on most LSE and HSE surfaces
- Superior high temperature shear performance
- Solvent-free adhesive coating technology
- High thermal and humidity resistance
- Easy Handling and converting due to film liner delivery

Technical Overview (See TDS for details)

SAP ID	Product Description
7100369845	3M™ Double Coated Tape GPT-020F 12mm x 50m (0.5" x 55yds)
7100369918	3M™ Double Coated Tape GPT-020F 19mm x 50m (0.75" x 55yds)
7100369937	3M™ Double Coated Tape GPT-020F 25mm x 50m (1" x 55yds)
7100369902	3M™ Double Coated Tape GPT-020F 50mm x 50m (2" x 55yds)
7100369820	3M™ Double Coated Tape GPT-020F 100mm x 50m (4" x 55yds)
7100369921	3M™ Double Coated Tape GPT-020F 1540mm x 50m (60" x 55yds)

Adhesive	Solventless acrylic
Carrier type (thickness)	PET 12 micron (0.5 mil)
Liner type (thickness)	White BOPP 100 micron (4 mil)
Total tape thickness without liner	200 micron (8 mil)
High temperature performance	320°F (160°C), 1000g/1"x1" 375°F (190°C), 500g/1"x1"
Static Shear	>10,000 minutes @195° F (90°C)
Color	Transparent

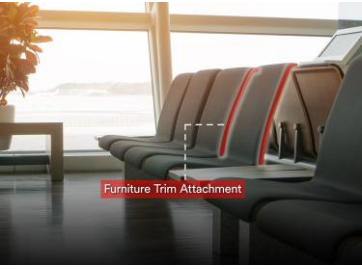
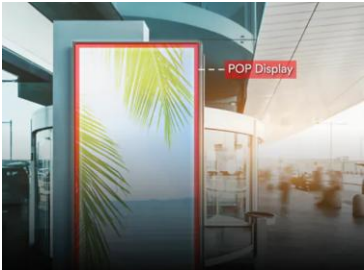
3M™ Double Coated Tape GPT-020TF



GPT: General Purpose Tape
020: 200 micron (8 mil)
TF: 80 micron (3.1 mil) Polypropylene Liner

Application Ideas

- POP/POS displays
- Light boxes
- Indoor-outdoor signs
- Paper bonding and packaging
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- Splicing and bonding
- Sports equipment
- Home decoration
- Trim attachment in appliance
- Mounting of plastic parts
- Mounting in electronics
- Furniture trim attachment



Bonds to many high surface energy substrates and some low surface energy substrates, including:

- Stainless steel
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- ABS
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- Aluminum
- Glass

Top Markets



- General Industrial
- Sign & Display
- Specialty Vehicle



- Appliance
- Medical Devices
- Outdoor Power Equipment

Product Characteristics

- Flexible and Strong – 200µm (8 mil) thick double coated tape with 80µm (3.1 mil) polypropylene liner
- High Initial Tack – strong adhesive sticks to high and low surface energy materials
- High Temperatures: Short term use up to 300°F (149°C) or long-term up to 200°F (93°C)
- Solvent-free adhesive coating technology
- Product Options – Available in standard roll format and level wound rolls

Technical Overview (See TDS for details)

SAP	Material Description
7100363393	3M™ Double Coated Tape GPT-020TF, 1540mm x 500m, 1 Roll/Case
7100363413	3M™ Double Coated Tape GPT-020TF, 1540mm x 50m, 1 Roll/Case
7100369529	3M™ Double Coated Tape GPT-020TF, Level Wound, 19mm x 2000m 1 Roll/Case
7100369719	3M™ Double Coated Tape GPT-020TF, Level Wound, 12mm x 3000m 1 Roll/Case
7100369697	3M™ Double Coated Tape GPT-020TF, Level Wound, 9mm x 4000m 1 Roll/Case
7100369500	3M™ Double Coated Tape GPT-020TF, Level Wound, 6mm x 5000m 1 Roll/Case

Adhesive	Solventless acrylic
Carrier type (thickness)	PET 12 micron (0.5 mil)
Liner type (thickness)	Red translucent 80µm (3.1 mil) PP
Total tape thickness without liner	200 micron (8 mil)
High temperature performance	295°F (146°C), 1000g/1"x1" 395°F (202°C), 500g/1"x1"
Static Shear	>10,000 minutes @200° F (93°C)
Color	Transparent



3M™ Double Coated Tape GPT-020TF



GPT: General Purpose Tape
020: 200 microns
TF: 80µm Poly Propylene Liner

Application Ideas

- POP/POS displays
- Light boxes
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- Mounting in electronics
- Furniture trim attachment



POS displays



Trim attachment in appliance



Furniture trim attachment

Bonds to many high surface energy substrates and some low surface energy substrates, including:

- Stainless steel
- HDPE
- ABS
- Acrylic
- PP
- Polycarbonate
- Aluminum
- Glass

Top Markets



- General Industrial
- Sign & Display
- Specialty Vehicle



- Appliance
- Medical Devices
- Outdoor Power Equipment

Product Characteristics

- Excellent peel performance on a variety of substrates
- Excellent initial adhesion on most LSE and HSE surfaces
- Superior high temperature shear performance
- Solvent-free adhesive coating technology
- High thermal and humidity resistance

Technical Overview (See TDS for details)

Adhesive	Solventless acrylic
Carrier type (thickness)	PET 12 micron (0.5 mil)
Liner type (thickness)	Red translucent 80µm Poly Propylene
Total tape thickness without liner	200 micron (8 mil)
High temperature performance	295°F (146°C), 1000g/1"x1" 395°F (202°C), 500g/1"x1"
Static Shear	>10,000 minutes @200° F (93°C)
Color	Transparent

SAP ID	Material Description
7100363393	GPT-020TF DCT 1540mm x 500m 1/CV
7100363413	GPT-020TF DCT TL Film 1540mm x 50m 1/CV
7100369529	GPT-020TF DCT 19mm x 2000m 1/CV
7100369719	GPT-020TF DCT 12mm x 3000m 1/CV
7100369697	GPT-020TF DCT 9mm x 4000m 1/CV
7100369500	GPT-020TF DCT 6mm x 5000m 1/CV



In addition to GPT Products, 3M has a breadth of tapes, with 4 core adhesive families.

High Temps and Harsh Environments



3M™ High-Performance Acrylic Adhesive 100MP

Higher peel strength than most acrylic formulations. Exceptional shear strength, even at high temperatures.

HSE & Temperature/ Solvent Resistance



3M™ High-Strength Acrylic Adhesive 200MP

Shear strength with versatility for bonding a variety of commonly used substrates. Great for outdoor applications and repeat use.

LSE & Hard-to-Stick Surfaces



3M™ High-Performance Acrylic Adhesive 300LSE

For hard-to-bond surfaces. Great solution for dissimilar material bonding. Holds securely and performs reliably—giving you more freedom to imagine. To design. To build.

Foam & Porous Materials



3M™ High-Tack Acrylic Adhesive 300MP+

The best choice for hard-to-bond and textured materials such as foams and textiles.

For more information, please visit:

3M.com/doublesidedtapes

Thank you