

Core Series™ Portfolio Product Selection Tool

A streamlined portfolio of pressure-sensitive adhesives designed for the easy selection of a wide variety of bonding and application solutions.

For European Market





ABOUT THE CORE SERIES PORTFOLIO

The Avery Dennison Core Series™ Portfolio is designed to make it easy for you to do business with Avery Dennison and your customers in Europe.

The Core Series Portfolio features the full breadth of the Avery Dennison Performance Tapes adhesive technologies—from general purpose rubber to silicone—in a variety of tape constructions. The portfolio has been developed to address a majority of your bonding needs.

CORE SERIES PORTFOLIO BENEFITS

- 1) Ease of doing business
- 2) Quick turnaround on quotations
- 3) 1 master roll MOQ
- 4) Product order shipment within 4 calendar days
- 5) Rapid product sampling
- 6) Product binder/catalogue
- 7) Product selection tool

USING THE PRODUCT SELECTION TOOL

The Core Series Product Selection Tool is designed to streamline your adhesive/construction selection process. The tool will help walk you through the information gathering process by following four simple steps that will assist you in determining the correct adhesive for your application. The products have been color coded throughout the tool to aid you during the selection process.

We invite you to use this tool whenever you have an opportunity to make an adhesive selection; we have done our best to make the tool self-serve. We also want you to be confident in your product selection, so please feel free to call your account manager to verify your selection.

-  High Adhesion Rubber
-  High Shear Rubber
-  Tackified Acrylic
-  Pure Acrylic
-  Silicone
-  Low VOC Acrylic
-  HPA™ High Performance Acrylic
-  AFB™ Acrylic Foam Bond
-  Permanent/Removable

ADHESIVE CATEGORIES

Our Core Series portfolio is organized into adhesive categories to help you easily select the proper adhesive type and choose the right product construction to meet your application needs.

| | | |
|---|---|---|
| ● | <p>HIGH ADHESION RUBBER</p> <p>Economical high adhesion rubber . Ideal for laminating to polyester urethane and skinned foams. Bonds well to HDPE, LDPE and other Low Surface Energy (LSE) substrates.</p> <p>Typical Applications: Foam bonding (PE, polyester urethane, EPDM, nitrile vinyl, PORON®), cotton felt (shoddy)</p> | <p>Max service temperature: 55°-105°C</p> <p>Shear: Low</p> <p>Bonds well to low, medium and high surface energy materials</p> |
| ● | <p>HIGH SHEAR RUBBER</p> <p>High shear rubber adhesive bonds to a wide variety of substrates. Not recommended for foam bonding. Bonds well to HDPE, LDPE and other LSE substrates.</p> <p>Typical Applications: Hang tabs, security labels, plastics, POP (point-of-purchase) displays, UHMWPE, hooks</p> | <p>Max service temperature: 80°C</p> <p>Shear: High</p> <p>Bonds well to low, medium and high surface energy materials</p> |
| ● | <p>TACKIFIED ACRYLIC</p> <p>Tackified acrylic adhesive with high initial tack. Ideal for bonding to polyester urethane and skinned foams.</p> <p>Typical Applications: Foam bonding (PE, polyurethane foams), heat shields, UHMWPE, thermal insulation, plasticised materials</p> | <p>Max service temperature: 100° - 145°C</p> <p>Shear: Medium</p> <p>Bonds well to low, medium and high surface energy materials</p> |
| ● | <p>PURE ACRYLIC</p> <p>Pure acrylic adhesive with good holding power under stress and load with resistance to chemicals and extreme temperatures.</p> <p>Typical Applications: Graphic attachment, badges, emblems and nameplates, membrane switches, electrical shields, polycarbonate, veneers</p> | <p>Max service temperature: 180°C</p> <p>Shear: High</p> <p>Bonds well to medium and high surface energy materials</p> |
| ● | <p>SILICONE</p> <p>Silicone adhesive with high adhesion on silicone or antifriction coatings and low surface energy substrates, extreme temperature and chemical resistance.</p> <p>Typical Applications: Direct lamination on silicone foams, high temperature gaskets</p> | <p>Max service temperature: 250°C</p> <p>Shear: High</p> <p>Bonds well to low surface energy materials</p> |
| ● | <p>LOW VOC ACRYLIC</p> <p>Low VOC acrylic adhesive. Ideal for bonding to polyether and polyester urethanes and skinned foams.</p> <p>Typical Applications: Seat heating, foam bonding (PE, polyurethane foams), speaker grills, flooring, vinyl, carpet mounting</p> | <p>Max service temperature: 150°C</p> <p>Shear: Medium</p> <p>Bonds well to medium and high surface energy materials</p> |
| ● | <p>HPA™ HIGH PERFORMANCE ACRYLIC</p> <p>High performance acrylic adhesive with high holding power under stress and greater loads with resistance to chemicals and extreme temperatures.</p> <p>Typical Applications: Graphic attachment, nameplates/dome labels, membrane switch, electrical shields, polycarbonate, veneers</p> | <p>Max service temperature: 200°C</p> <p>Shear: High</p> <p>Bonds well to medium and high surface energy materials</p> |
| ● | <p>AFB™ ACRYLIC FOAM BOND</p> <p>AFB is constructed of acrylic foam that is viscoelastic in nature with flow and self adhesion properties, which offers excellent bonding to a broad range of substrates in demanding environments.</p> <p>Typical Applications: Component assembly, mounting and attachment applications in automotive, appliances, electronic devices, signage and graphics. Acrylic foam tapes provide strong tack and adhesion to a wide range of substrates including PC, ABS, PMMA and metal</p> | <p>Max service temperature: 175°C</p> <p>Shear: Medium</p> <p>Bonds well to low, medium, and high surface energy materials</p> |
| ○ | <p>PERMANENT/REMOVABLE</p> <p>Designed for bonding dissimilar materials, these products feature different adhesive systems on the laminating and mounting sides. Differential tape with permanent adhesive on the laminating side, ideal for bonding to foams, LDPE and HDPE, and removable acrylic adhesive on the mounting side.</p> <p>Typical Applications: Polishing pads, recloseable bags, POP (point-of-purchase) displays, mounting promotional items, removable/ changeable foam gaskets, surface protection solutions (pads, covers)</p> | <p>Max service temperature: 105°C</p> <p>Shear: Medium</p> <p>Long term Removable</p> |

CHOOSING A CORE SERIES ADHESIVE

First, gather the following information:



1. What type of material will you be laminating to:

- Polyether Urethane
- Polyester Urethane
- Dense Urethane (Poron®, HyPUR-cel®, Norseal®)
- Sponge Rubber Foam (EPDM, Nitrile, Vinyl, Neoprene)
- Silicone Sponge Foam
- Nonwovens, felts and fabrics
- High or medium surface energy films or foils
- Low surface energy films or foils
- Plain & coated metal surfaces
- Other common building materials

2. What is the surface energy of the substrate your laminated part will be bonded to?

- High:** Aluminum, Stainless Steel, Copper, Glass, Polyimide (Kapton®), Nylon, Polyester (PET) Film, Polyurethane Film
- Medium:** ABS, Polycarbonate, Vinyl (PVC), Acrylic, Polystyrene
- Low:** EVA, Powder Coated Paint, Polyethylene, Polypropylene, PVF
- Extra low:** PTFE (Teflon™), Silicone



3. Are there any other end use application requirements?

- Temperature Resistance
- Humidity Resistance
- Solvent/Chemical Resistance
- UV Resistance
- Shear
- Tack
- Cost
- OEM Specifications (learn more about our OEM specified products at tapes.averydennison.com/oemcertfinder)



4. What tape construction is needed?

- Transfer Tape - Single Liner/Double Liner
- Single Coated Tape
- Double Coated Tape/Differential



Once you have gathered the information; you are then ready to chose a Core Series product for your application.

CHOOSING A CORE SERIES ADHESIVE



STEP 1: What material will you be laminating to? (Material 1 - Laminating side)

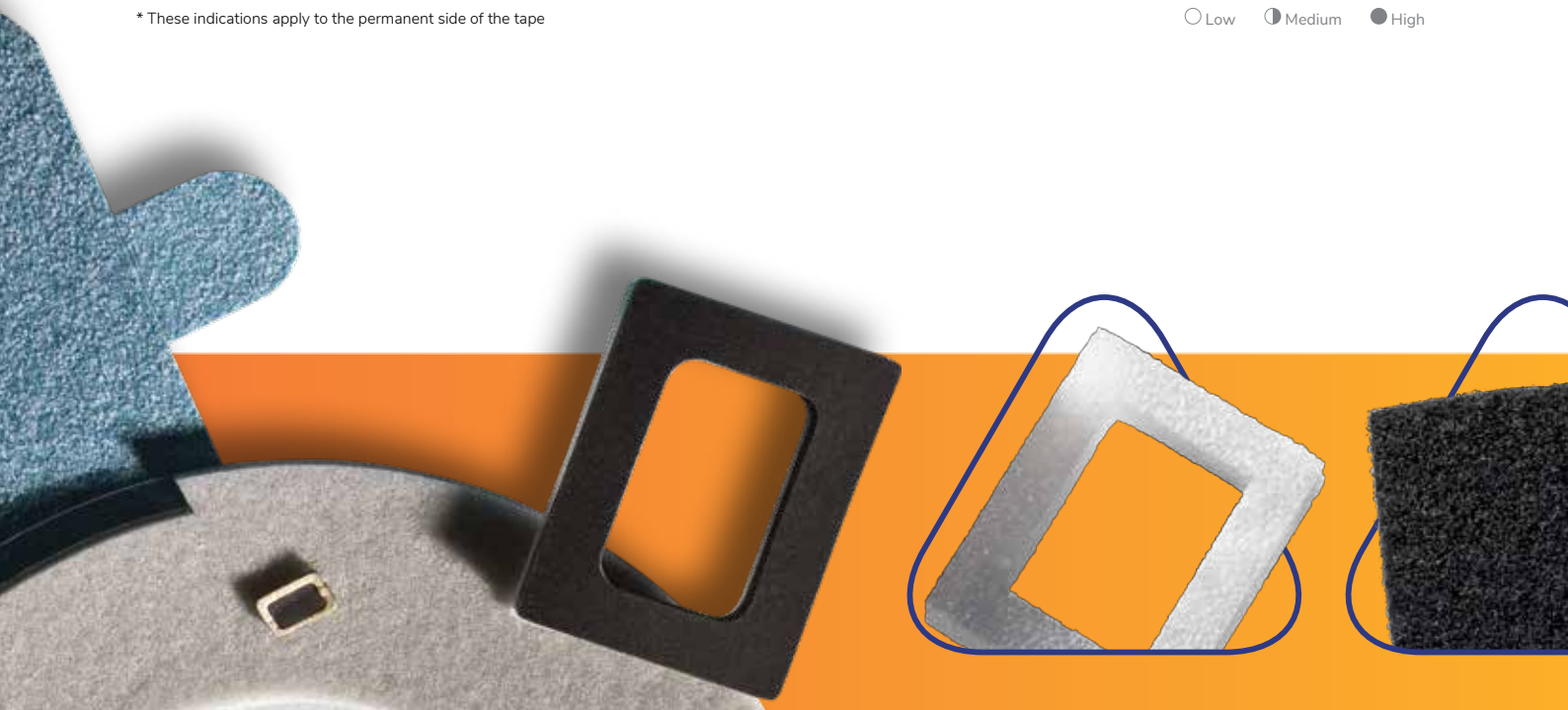
Our Core Series offers adhesive chemistries for a wide range of common lamination materials, including foams, fibrous, and films. Use this chart to see which adhesives are compatible with your material.

LAMINATION SELECTION GUIDE

| Adhesive Types | FOAMS | | | | | FIBROUS | FILMS & SOLID SURFACES (Refer to Surface Energy Chart) | |
|----------------------------|--------------------|--------------------|---|--|----------------------|-----------------------------|---|--------------------|
| | Polyether Urethane | Polyester Urethane | Dense Urethane (Poron®, HyPUR-cel®, Norseal®) | Sponge Rubber Foams (EPDM, PVC, Nitrile Vinyl, Neoprene) | Silicone Sponge Foam | Nonwoven, Felts and Fabrics | High & Medium Surface Energy | Low Surface Energy |
| ● High Adhesion Rubber | ◐ | ● | ● | ● | ○ | ● | ● | ● |
| ● High Shear Rubber | ○ | ○ | ◐ | ◐ | ○ | ◐ | ● | ● |
| ● Tackified Acrylic | ● | ● | ● | ● | ○ | ● | ● | ● |
| ● Pure Acrylic | ○ | ○ | ○ | ○ | ○ | ◐ | ● | ○ |
| ● Silicone | ○ | ○ | ○ | ○ | ● | ○ | ◐ | ◐ |
| ● Low VOC Acrylic | ● | ● | ◐ | ◐ | ○ | ● | ● | ○ |
| ● High Performance Acrylic | ○ | ○ | ○ | ○ | ○ | ◐ | ● | ○ |
| ● Acrylic Foam Bond | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ |
| ○ Permanent*/Removable | ◐ | ● | ● | ● | ○ | ● | ● | ● |

* These indications apply to the permanent side of the tape

○ Low ◐ Medium ● High





STEP 2: What is the surface energy of the substrate your laminated part will be bonded to? (Material 2 - Mounting side)

Low and extra-low surface energy substrates provide a bonding challenge for some adhesives. Use the chart below to determine which adhesive families are most suitable for bonding your laminated part.

Note: Keep in mind which families were also suitable in Step 1.

SURFACE ENERGY SELECTION GUIDE

| Adhesive Types | HIGH | | | | | | | MEDIUM | | | | | LOW | | | | X-LOW | | | | |
|----------------------------|----------|-----------------|--------|-------|---------------------|-------|-----------------|------------------------|-----|--------------------|-------------|---------|-------------|-----|----------------------|-------------------------|--------------------|--------------|-------------------|----------------|----------|
| | Aluminum | Stainless Steel | Copper | Glass | Polyimide (Kapton®) | Nylon | Polyester (PET) | Polyurethane (PU) Film | ABS | Polycarbonate (PC) | Vinyl (PVC) | Acrylic | Polystyrene | EVA | Powder Coated Paints | Polyethylene (PE, UHMW) | Polypropylene (PP) | PVF (Tedlar) | Unknown Substrate | PTFE (Teflon™) | Silicone |
| ● High Adhesion Rubber | | | | ● | | | | | | ● | | | | | | ● | | | | | ○ |
| ● High Shear Rubber | | | | ● | | | | | | ● | | | | | | ● | | | | | ○ |
| ● Tackified Acrylic | | | | ● | | | | | | ● | | | | | | ● | | | | | ○ |
| ● Pure Acrylic | | | | ● | | | | | | ○ | | | | | | ○ | | | | | ○ |
| ● Silicone | | | | ● | | | | | | ● | | | | | | ● | | | | | ● |
| ● Low VOC Acrylic | | | | ● | | | | | | ● | | | | | | ○ | | | | | ○ |
| ● High Performance Acrylic | | | | ● | | | | | | ○ | | | | | | ○ | | | | | ○ |
| ● Acrylic Foam Bond | | | | ● | | | | | | ● | | | | | | ○ | | | | | ○ |
| ○ Permanent/Removable* | | | | ● | | | | | | ● | | | | | | ● | | | | | ○ |

* These indications apply to the removable side of the tape

○ Low ● Medium ● High





STEP 3: Are there additional end use application requirements?

End use requirements—such as exposure to temperature extremes or chemicals—should be considered when choosing an adhesive. Use the chart below to determine which adhesive families are most suitable for other application requirements.

Note: Keep in mind the adhesive families that were also suitable in Steps 1 and 2.

APPLICATION REQUIREMENTS GUIDE

| Adhesive Chemistries | Maximum Service Temperature | Humidity Resistance | Solvent / Chemical Resistance | UV Resistance | Shear | Tack |
|--------------------------|-----------------------------|---------------------|-------------------------------|---------------|-------|------|
| High Adhesion Rubber | ○ | ● | ○ | ○ | ○ | ● |
| High Shear Rubber | ○ | ● | ○ | ○ | ● | ● |
| Tackified Acrylic | ◐ | ○ | ○ | ◐ | ◐ | ● |
| Pure Acrylic | ● | ● | ● | ● | ● | ◐ |
| Silicone | ● | ● | ● | ● | ● | ○ |
| Low VOC Acrylic | ◐ | ● | ◐ | ● | ◐ | ◐ |
| High Performance Acrylic | ● | ● | ● | ● | ● | ○ |
| Acrylic Foam Bond | ● | ● | ● | ● | ● | ● |
| Permanent/Removable | ◐ | ● | ○ | ○ | ○ | ○ |

○ Low ◐ Medium ● High





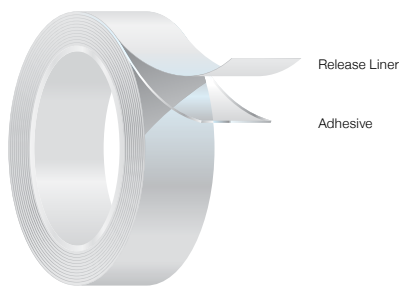
STEP 4: What construction is needed for your process?

When reviewing the application, consider also the physical nature of the laminating and mounting surfaces as these will influence the adhesive coating thickness and tape construction. The liner is important when considering how the part will be processed after lamination and applied by the end user. Our Core Series portfolio (pages 10-11) features a range of liners. When choosing a product, consider how well the liner attributes fit the processing needs.

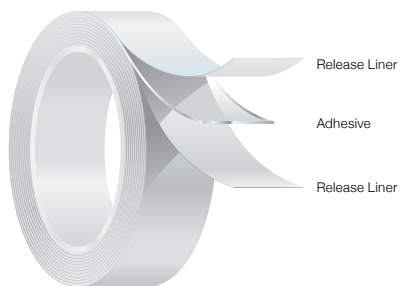
WHAT TAPE TO USE

| | | |
|----------------------------|--|---|
| Smooth and Flat | | Thin adhesive tapes or transfer films |
| Smooth, but Uneven | | Foam carriers or thick transfer films |
| Rough and Even | | High adhesive masses |
| Rough, but Uneven | | Foam carriers with high adhesive mass or thick transfer films |
| Textured and Flat | | High adhesive masses |
| Textured but Uneven | | Foam carriers with high adhesive mass or thick transfer films |

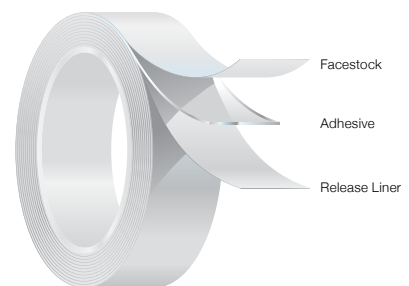
CONSTRUCTIONS



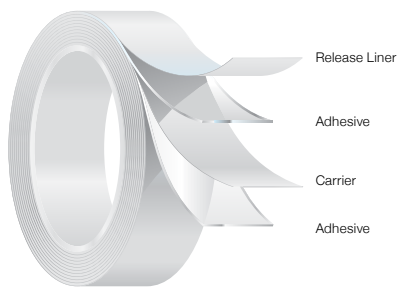
Single Liner Transfer Tape



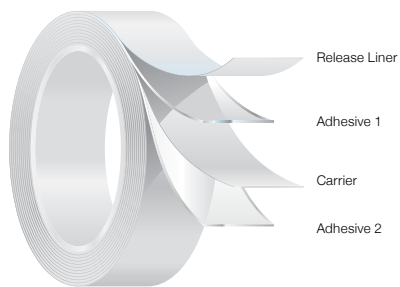
Double Liner Transfer Tape



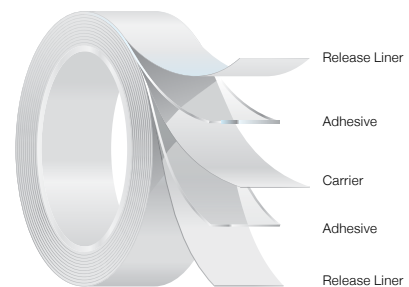
Single Coated Tape



Double Coated Tape



Differential Tape



Double Liner Double Coated Tape

Finally, once you've made an adhesive choice, refer to these tables for additional product and ordering information.

| Adhesive Category | Product | Construction | Liner Type | Thickness (μ) | Roll Dimension | LT Days | MOQ/ Rolls | MOQ/ m ² | Packaging |
|-------------------------------|---------------------------------|-------------------------------------|------------------|------------------|-----------------|------------|------------|---------------------|-----------|
| ● Acrylic Foam Bond | AFB 6610C | Acrylic Foam Bond | PE 130 Red | 1000 | 500 MM x 33 M | 4 | 1 | 16.5 | BOX |
| | AFB 6625C | Acrylic Foam Bond | PE 130 Red | 250 | 500 MM x 33 M | 4 | 1 | 16.5 | BOX |
| | AFB 6650C | Acrylic Foam Bond | PE 130 Red | 500 | 500 MM x 33 M | 4 | 1 | 16.5 | BOX |
| | AFB 6660G | Acrylic Foam Bond | PE 130 Red | 600 | 900 MM x 33 M | 4 | 1 | 29.7 | BOX |
| | AFB 6680G | Acrylic Foam Bond | PE 130 Red | 800 | 900 MM x 33 M | 4 | 1 | 29.7 | BOX |
| ● High Adhesion Rubber | FL 545 | Single Coated / Alu 50μ Gloss | BG 40 Brown | 100 | 75 MM x 50 M | 4 | 16 | 60 | BOX |
| | | | | | 1500 MM x 100 M | 10 | 5 | 750 | BOX |
| | FT 107 | Transfer Tape | BG 65 Blue-Green | 60 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | 1000 MM x 250 M | 4 | 9 | 2250 | BULK |
| | | | | | 1500 MM x 250 M | 4 | 1 | 375 | BOX |
| | FT 117 | Transfer Tape | BG 50 White | 60 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | 1000 MM x 250 M | 7 | 9 | 2250 | BULK |
| | FT 131 | Transfer Tape | BG 40 White | 30 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | FT 167 | Transfer Tape | BG 50 White | 60 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | FT 2147 | Transfer Tape | OPP 100 White | 60 | 1520 MM x 250 M | 21 | 9 | 3420 | BOX |
| | FT 239 | Double Coated / Tissue | BG 65 Blue-Green | 160 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | 1000 MM x 250 M | 7 | 9 | 2250 | BULK |
| | FT 306A | Double Coated / PP 15μ Clear | BG 65 Blue-Green | 86.5 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | 1000 MM x 500 M | 21 | 6 | 3000 | BULK |
| | | | | | 1500 MM x 500 M | 21 | 4 | 3000 | BOX |
| FT 349 | Double Coated / PP 15μ Clear | BG 65 Blue-Green | 145 | 1000 MM x 250 M | 4 | 1 | 250 | BOX | |
| | | | | 1000 MM x 250 M | 14 | 9 | 2250 | BULK | |
| | | | | 1500 MM x 250 M | 21 | 9 | 3375 | BOX | |
| FT 666 | Double Coated / Polyester Scrim | BG 55 Havana | 180 | 1000 MM x 250 M | 4 | 1 | 250 | BOX | |
| | | | | 1000 MM x 250 M | 7 | 9 | 2250 | BULK | |
| FT B1148 | Double Coated / PET 12μ | BG 55 Yellow / BG 90 Yellow | 90 | 700 MM x 1000 MM | 4 | 100 Sheets | 70 | BOX | |
| FT B1149 | Double Coated / PET 12μ | BG 55 Yellow | 90 | 1500 MM x 100 M | 4 | 1 | 150 | BOX | |
| ● High Performance Acrylic | HPA 1902W | Transfer Tape | PPP 120 White | 65 | 1020 MM x 250 M | 7 | 1 | 255 | BOX |
| | HPA 1905W | Transfer Tape | PPP 120 White | 125 | 1020 MM x 250 M | 7 | 1 | 255 | BOX |
| ● High Shear Rubber - DC Foam | FM M1702 | Double Coated / PE Foam White | BG 65 White | 900 | 1500 MM x 66 M | 4 | 1 | 99 | BOX |
| | | | | | 1500 MM x 100 M | 10 | 3 | 450 | BOX |
| | FM M1750 | Double Coated / PE Foam White | BG 65 White | 1100 | 1500 MM x 66 M | 4 | 1 | 99 | BOX |
| | | | | | 1500 MM x 100 M | 10 | 3 | 450 | BOX |
| ● High Shear Rubber - DC Film | FT B1200 | Double Coated / Fox Film 20μ | BG 55 White | 150 | 1500 MM x 100 M | 4 | 1 | 150 | BOX |
| ● Low VOC Acrylic | FT 2150 | Transfer Tape | BG 65 White | 60 | 1000 MM x 250 M | 7 | 9 | 2250 | BOX |
| | FT 7999 | Double Coated / Polyester Scrim 3x2 | BG 50 Havana | 100 | 1520 MM x 250 M | 7 | 9 | 3420 | BULK |
| | | | | | 1020 MM x 250 M | 28 | 18 | 4590 | BULK |

| Adhesive Category | Product | Construction | Liner Type | Thickness (μ) | Roll Dimension | LT Days | MOQ/ Rolls | MOQ/ m ² | Packaging |
|---------------------------|--|---|--|-----------------|------------------|---------|---------------|---------------------|------------|
| ○ Permanent/ Removable | FT 310 | Double Coated / PET 12μ Clear | BG 50 White | 68.5 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | 1000 MM x 250 M | 21 | 9 | 2250 | BULK |
| | | | | | 1500 MM x 250 M | 21 | 9 | 3375 | BOX |
| | | | | | 1500 MM x 500 M | 21 | 9 | 3375 | BULK |
| | | | | | 1250 MM x 500 M | 28 | 6 | 3750 | BULK |
| | FT B1121 | Double Coated / PET 12μ | PPP 125 White | 70 | 1500 MM x 100 M | 4 | 1 | 150 | BOX |
| ● Pure Acrylic | FM 464 | Double Coated / PE Foam Black (800μm - 143kg/m ³) | PPP 130 Brown | 925 | 1000 MM x 100 M | 4 | 1 | 100 | BOX |
| | FM 468 | Double Coated / PE Foam Black (500μm - 185kg/m ³) | PPP 130 Brown | 625 | 1000 MM x 100 M | 4 | 1 | 100 | BOX |
| | FT 397 | Double Coated / PET 12μ Clear | Claycoated Paper 140 White / Claycoated Paper 140 White | 83.5 | 1000 MM x 250 M | 7 | 6 | 1500 | BULK |
| | | | | | 1000 MM x 700 MM | 4 | 250 Sheets | 175 | BOX SHEETS |
| FT F2001 MAT | Transfer Tape | Clear PE 100μ / Claycoated Paper 100gr | 43 | 1500 MM x 500 M | 10 | 2 | 1500 | BOX | |
| ● Silicone Adhesive | FT 3102 | Transfer Tape | PET 50 White / PET 36 Clear | 48 | 1250 MM x 250 M | 7 | 2 | 625 | BOX |
| ● Tackified Acrylic | FT 125 | Transfer Tape | BG 55 Havana | 90 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | | | | | | 14 | 9 | 2295 | BULK |
| | FT 126 | Transfer Tape | BG 55 Havana | 60 | 1000 MM x 250 M | 4 | 1 | 250 | BOX |
| | FT 2018 | Transfer Tape | BG 50 Havana | 80 | 1020 MM x 250 M | 4 | 1 | 255 | BOX |
| | | | | | 1020 MM x 250 M | 4 | 9 | 2295 | BULK |
| | | | | | 1250 MM x 250 M | 7 | 18 | 5625 | BULK |
| | | | | | 1520 MM x 250 M | 7 | 9 | 3420 | BULK |
| | FT 2020 | Transfer Tape | BG 50 Havana | 50 | 1020 MM x 250 M | 4 | 9 | 2295 | BULK |
| | | | | | 1250 MM x 250 M | 28 | 9 | 5625 | BULK |
| | | | | | 1520 MM x 250 M | 4 | 1 | 380 | BOX |
| | | | | | 1520 MM x 250 M | 7 | 9 | 3420 | BULK |
| | FT 2055 | Transfer Tape | OPP 60 White (60μm) | 50 | 1020 MM x 250 M | 4 | 9 | 2295 | BULK |
| | | | | | 1020 MM x 250 M | 4 | 1 | 255 | BOX |
| | FT 7230 | Double Coated / Tissue | BG 50 Havana | 100 | 1020 MM x 250 M | 7 | 2 | 510 | BOX |
| | | | | | 1020 MM x 250 M | 7 | 9 | 2295 | BULK |
| | | | | | 1520 MM x 250 M | 7 | 9 | 3420 | BULK |
| | FT 7770 | Double Coated / Non-Woven | BG 55 Havana | 115 | 1020 MM x 250 M | 4 | 1 | 255 | BOX |
| | | | | | 1020 MM x 250 M | 4 | 9 | 2295 | BULK |
| | | | | | 1520 MM x 250 M | 7 | 9 | 3420 | BULK |
| | FT 7930 | Double Coated / Polyester scrim 4x2,1 | BG 50 Havana | 70 | 1020 MM x 250 M | 7 | 9 | 2295 | BULK |
| 1520 MM x 250 M | | | | | 7 | 9 | 3420 | BULK | |
| FT 7951 | Double Coated / Polyester scrim 3x2 | BG 50 Havana | 90 | 1020 MM x 250 M | 4 | 1 | 255 | BOX | |
| | | | | 1020 MM x 250 M | 7 | 9 | 2295 | BULK | |
| | | | | 1250 MM x 250 M | 7 | 9 | 2813 | BULK | |
| | | | | 1520 MM x 250 M | 7 | 9 | 3420 | BULK | |
| FT 7958 | Double Coated / Polyester scrim 3x2 | OPP 60 White (60μm) | 90 | 1020 MM x 250 M | 7 | 9 | 2295 | BULK | |
| | | | | 1520 MM x 250 M | 7 | 9 | 6840 | BULK | |

ABOUT AVERY DENNISON

Avery Dennison Corporation (NYSE: AVY) is a global materials science and manufacturing company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical and retail applications; tags, labels and embellishments for apparel; and radio-frequency identification (RFID) solutions serving retail apparel and other markets. Headquartered in Glendale, California, the company employs approximately 30,000 employees in more than 50 countries. Reported sales in 2018 were \$7.2 billion. Learn more at www.averydennison.com.

ABOUT AVERY DENNISON PERFORMANCE TAPES

Avery Dennison Performance Tapes is a world-class operation focused on developing and manufacturing high performance pressure-sensitive adhesives and tapes for a broad range of applications in automotive, appliances, electronics, building and construction, specialty industrial and personal care segments. The organization has 50 years of experience supplying standard and customized pressure-sensitive materials designed to deliver innovative solutions for customers' needs across the globe. Worldwide manufacturing facilities ensure a global presence supported by local sales, technical and customer service throughout the regions. Learn more at www.tapes.averydennison.com.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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