

## More Than Adhesives... Answers.™

Polyken has provided highly engineered pressure-sensitive adhesive tape solutions for medical OEMs and converters for decades. Our extensive and innovative selection of core products are designed to withstand EtO and gamma sterilization as well as the rigors of medical environments.

Polyken deploys a broad range of carriers, liners, and adhesive technologies designed to meet the needs of converters, OEMs, medical professionals, and patients alike. Applications for Polyken **double-coated**, **single-coated**, and **transfer tapes** include:

- direct skin contact (short or long-term)
- electrodes and sensors
- surgical and incise drapes
- diagnostic test strips
- medical device assembly
- wound care
- ostomy products



**Polyken can also combine our technical expertise with design and manufacturing resources to produce a solution to meet your application needs.**

### Coating & Converting Capabilities

- Coating Line - Max usable width 60"
- Coating Methods:
  - Reverse Roll
  - Knife-Over-Roll
- Coating Type: Direct Coat, Transfer Coat
- Adhesives:
  - Acrylic, Rubber, Silicone, Polyurethane, and Custom Formulations
  - Solvent, Emulsion, Hot Melt
  - Coat Weights: 0.7 to 7.5 mils
- 3" ID core
- Maximum diameter 24"
- Typical log sizes:
  - Double-Coated: 250 lyds
  - Foams: 100 to 325 lyds
  - Films: 250 lyds

### Materials Expertise

#### Substrates:

- Polyester (PET): 0.25 mil to 5 mils
- Foam (Cross-linked PE): 1/32" to 1/8"
- Polyethylene (PE)
- Orientated Polypropylene (OPP)
- Fabric: Non-woven and Woven
- Tissue
- Foil
- Polyurethane (PU)
- Polyvinyl Chloride (PVC)
- Custom

#### Liners:

- Polycoated Paper: 60 to 140lb basis weight
- Super calendered: 40 to 80lb basis weight
- Polyliners: PET, HDPE, BOPP

Product	Carrier	Adhesive	Liner	Features & Applications
---------	---------	----------	-------	-------------------------

**TRANSFER TAPES**

3426A	N/A	Rubber (M104)	60# SCK	Superior adhesion to various materials for component assembly. Sensor components, mounting electronic components, pulse oximetry.
3558B	N/A	Acrylic (M102)	80# SCK	Designed for long-term wear applications. Highly resistant to perspiration-borne moisture. Medical device assembly and sensor components.

**DOUBLE-COATED TAPES**

1731D	0.5 mil PET Film	Acrylic (M109)	76# BL KFT	High tack and good shear strength. Surgical drape fabrication, assembly, and attachment. Medical device assembly and attachment.
1393A	0.5 mil PET Film	Acrylic (M106)	76# BL KFT	High tack for quick stick application. Surgical drape fabrication, assembly, and attachment. Medical device assembly and attachment.
2911B	0.5 mil PET Film	LS Acrylic (M107) AS Acrylic (M105)	74# BL KFT	High tack and good shear strength. Surgical drape fabrication, assembly, and attachment. Medical device assembly and attachment.
3428M	1 mil PUR Film	Acrylic (M119)	80# SCK	High breathability and conformability for extended wear and maximum patient comfort. Suitable for long-term wear.
33M6H	0.5 mil PET Film	Acrylic (M123)	60# SCK	Excellent anchorage to foams and plastics. Humidity and plasticizer migration resistant
2211D	1/32" White Cross-Linked PE Foam	Acrylic (M109)	76# BL KFT	Soft, flexible, and conformable. High tack and good shear strength. Electrodes, medical device assembly & attachment.
3589A	1/16" White Cross-Linked PE Foam	Acrylic (M109)	60# SCK	Soft, flexible, and conformable. High tack and good shear strength. Electrodes, medical device assembly & attachment.
3577C	1/32" White Cross-Linked PE Foam	LS Rubber (M117) AS Acrylic (M109)	4 mil PET Film	Flexible and conformable. Excellent tack and shear strength. Easy to die-cut and invert. Electrodes, device assembly & attachment.

**SINGLE-COATED TAPES**

2203R	3 mil Matte PE Film	Acrylic (M109)	60# SCK	Matte-finish for minimal glare. Excellent adhesion to skin and drape material. Surgical and incise drape, device overlay.
2696P	Tricot/PE Laminate	Rubber (M104)	60# SCK	Conformable fabric blocks light and accepts ink for easy printing. Wound care, sensor components, and patient monitoring.
2328F	White Spunlace Polyester	Acrylic (M109)	96# PC C1S	Conformable and breathable for patient comfort. Excellent adhesion to skin. Wound coverings, island dressings, electrodes.
3570A	White Spunlace Polyester	Acrylic (M102)	80# SCK	Conformable and breathable for patient comfort. Designed for long-term wear. Wound coverings, island dressings, electrodes.
3355H	1/32" White Cross-Linked PE Foam	Extended-Wear Acrylic (M110)	96# BL KFT	Aggressive adhesive for long-term wear uses. Removes cleanly without causing trauma. High moisture resistance. Electrodes, medical device assembly & attachment.
2932P	1/32" White Cross-Linked PE Foam	Acrylic (M108)	96# BL KFT	Soft, flexible, and conformable. Strong adhesion. Electrodes, medical device assembly & attachment.
3578C	1/32" White Cross-Linked PE Foam	Acrylic (M108)	74# BL KFT	Soft, flexible, and conformable. Strong adhesion. Electrodes, medical device assembly & attachment.
3493V	1/16" White Cross-Linked PE Foam	Acrylic (M108)	74# BL KFT	Soft, flexible, and conformable. Strong adhesion. Electrodes, medical device assembly & attachment.
2916P	1/16" White Cross-Linked PE Foam	Acrylic (M108)	96# BL KFT	Soft, flexible, and conformable. Strong adhesion. Electrodes, medical device assembly & attachment.
3578D	1/16" White Cross-Linked PE Foam	Acrylic (M108)	74# BL KFT	Soft, flexible, and conformable. Strong adhesion. Electrodes, medical device assembly & attachment.
3585A	1/16" White Cross-Linked PE Foam	Extended-Wear Acrylic (M110)	74# BL KFT	Aggressive adhesive for long-term wear uses. Removes cleanly without causing trauma. High moisture resistance. Electrodes, medical device assembly & attachment.