

MED 5707

White Spunlaced Fabric

Mfg. Ref. #50154

Product Description

MED 5707 consists of a white spunlaced polyester nonwoven fabric coated on one side with a nonsensitizing acrylic pressure-sensitive adhesive. The adhesive is protected by a white polyethylene coated paper with a silicone release coating on one side.

Features

- Acrylic Adhesive
- Moisture Resistant Liner
- Breathable Nonwoven Carrier

Benefits

- Nonsensitizing to patient's skin
- Easy to die cut and convert, reduces scrap
- Air and moisture permeable for high user comfort

Applications

MED 5707 was designed for applications to the skin for sustained periods where breathability and moisture vapor transmission are required.

Skin Preparation

It is essential, as with all pressure sensitive adhesives, that the skin to which the tape is applied be clean and dry.

Storage and Shelf Life

One year when stored at 70°F (21°C)/ 50% relative humidity out of direct sunlight.

Product Profile

Carrier	2.4 oz/yard ² white spunlaced polyester nonwoven
Adhesive	52 grams/meter ² nonsensitizing acrylic copolymer
Liner	92 lb/ream (150 grams/meter ²) white polyethylene coated kraft with a silicone release coating on one side

Adhesive Properties

	Typical Value*	Test Method
180°Peel Adhesion	3.3 lb force/in width	PSTC-1
TLMI Release	350 grams/2" width	90° at 300 in/min
Mass Weight	52.3 grams/meter ²	ASTM D-898

Carrier Properties

	Typical Value*	Test Method
Thickness	25 mils nominal	ASTM D-1777
Basis Weight	2.4 oz/yard ²	ASTM D-3776
Tensile (MD)	12.0 lb/in minimum	ASTM D-1682

Safety

The adhesive used on MED 5707 is an acrylic copolymer. This adhesive has been tested by an independent laboratory on humans as well as animals. The results indicate that the adhesive is nonirritating and nonsensitizing in humans. The tests run on animals were in accordance with Title 16 of the code of Federal Regulations, paragraph 1500.41. The Repeat Insult Patch Test was used to determine sensitization in humans and to indicate potential safe use of MED 5707 in medical devices. Good Manufacturing Practice places the burden of safe product performance on the manufacturer or processor of the device.

If further information is required regarding the safety of Avery Specialty Tape Division medical products, contact your sales representative or our Medical Products Department.

* Typical values are not intended to be used for specification development.