POLYKEN[®] 296FR

Flame Retardant Fiberglass Tape

Backing Adhesive Release Liner	Backing: Adhesive: Liner:	Fiberglass Cloth Bromide-Free Acrylic LDPE Film
	Colors: Specifications	White Printed or Unprinted
	FAA Boeing Airbus Standard Sizes	FAR 25.853(a), FAR 25.855(d). FAR 25.856(a) BMS5-146M, 737-SL-25-115-B, 757-SL-25-085-B, 747-SL- 25-195-B,767-SL-25-112-B, 777-SL-25-037-B ABD0031, Para 7.3.2 & 7.4 S*: lin, 2in, 3in, and 4in x 36yd

Applications

- Cargo pit applications for freight-carrying aircraft
- Challenging applications where high adhesion and flame resistance is critical
- Seaming and repairing cargo compartment liners
- Covering pins and rivets
- Metal surface protection during soldering or welding

Features

Benefits Fiberglass Cloth Super high tensile strength • Resists flame penetration for added safety • Lightweight construction - saves money • Conformable to handle curves and corners . Bromide-Free Acrylic Adhesive Repositionable and clean removal Resists flagging and lifting Complies with FAR 25.853(a), 25.855(d), and Meets requirements for use in aircraft cargo • 25.856(a) compartments

Typical Test Values

	Standard UOM	Metric UOM	Test Method
Total Thickness	7.0 mils	0.178 mm	ASTM D-1000
Adhesion to Steel	45 oz/in	4.92 N/cm	PSTC-101
Tensile Strength	134 lb/in	234.67 N/cm	ASTM D-1000
Weight	6.8 oz/yd²	210 g/m²	ASTM D-1000
Operating Temperature	-40 to 275 °F	-40 to 135 °C	
Exiting Time	0.66 sec		FAR 25.853(a)/25.855(d)
Burn Length	3"		FAR 25.853(a)
Flame Penetration	N/A		FAR 25.855(d)
Drip Exiting	N/A		FAR 25.853(a)
After Glow	0 sec		FAR 25.855(d)
Total Mass Loss	0.36%		ASTM E 595
Collected VCM	0.01%		ASTM E 595

* Other sizes may be available. Contact your sales representative.

Recommended Storage Conditions: 60-80 °F at 40-60% RH

Standard Shelf Life (at 25 °C): 24 months from date of manufacture.

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