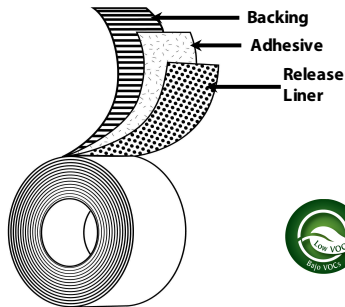


POLYKEN®

296FR

Flame Retardant Fiberglass Tape



Backing: Fiberglass Cloth
Adhesive: Bromide-Free Acrylic
Liner: LDPE Film
Colors: White Printed
Specifications:
FAA FAR 25.853(a), FAR 25,855(d)
Boeing 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
Airbus ABD0031, Para 7.3.2 & 7.4
Standard Sizes*: 1 in, 2 in, 3 in, and 4 in 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

- Fiberglass Cloth
- Bromide-Free Acrylic Adhesive
- Complies with FAR 25.853(a) & 25.855(d)

Benefits

- Super high tensile strength
- Resists flame penetration for added safety
- Lightweight construction - saves money
- Conformable to handle curves and corners
- Repositionable and clean removal
- Resists flagging and lifting
- Meets requirements for use in aircraft cargo 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/yd ²	210 g/m ²	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.

The information presented herein was prepared at VYBOND GROUP, INC. (Vybond Group, Inc. 2320 Bowling Green Road, Franklin, KY 42134) by qualified technical personnel. To VYBOND'S knowledge, it is true and accurate. However, the information and recommendations are furnished for these products with the understanding that the purchaser or user, as the case may be, will independently determine that the product is suitable for the intended use, and that such use complies with all applicable federal, state, and local laws and regulations. The data are submitted only for the user's information and consideration, and do not constitute a warranty of any kind (including but not limited to a warranty of merchantability or of fitness for a particular purpose), or a representation for which VYBOND assumes any legal responsibility.



2320 Bowling Green Road | Franklin, KY 42134
1-800-343-7875 Fax 1-800-328-4822
www.vybond.com
4/11/18