



POLYKEN® 290FR
 Flame Retardant Cargo
 Compartment Tape - Complies with
 FAR 25.853(a) and FAR 25.855(d)

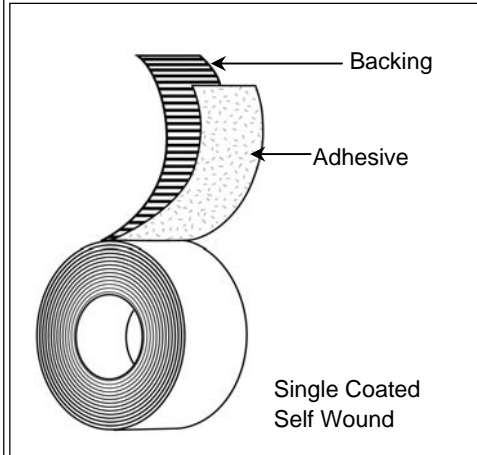
APPLICATIONS

- Cargo pit applications.
- Seam sealing (taping) and repair of cargo compartment liners for use on covering pins/rivets where high adhesion and flame resistance is critical.

FEATURES & BENEFITS

- Glass cloth design resists flame penetration for added safety.
- Waterproof.
- High tensile strength.
- FAR 25.853(a) and FAR 25.855(d) compliant.
- High adhesion properties eliminate lifting and curling.
- Creep resistance maintains seal under heavy loads.
- Self-wound for easy application - no release liner to discard.
- Stain-resistant PE coated cloth.
- PE prevents skin contact with fiberglass.

CONSTRUCTION



PRODUCT DESCRIPTION

Single-Coated Construction

Backing:

- Polyethylene Coated Fiberglass Cloth

Adhesive:

- Flame Retardant Synthetic Rubber

Colors:

- White Printed

TEST DATA

Test	Typical Value	Typical Value (Metric)	Test Method
Total Thickness	13 mils	330.20 μ	ASTM D-1000
Adhesion to Steel	38 oz./in.	4.16 N/cm	PSTC-1
Adhesion to Backing	32 oz./in.	3.50 N/cm	PSTC-1
Tensile Strength	150 lb./in.	262.69 N/cm	ASTM D-1000
Tack (Rolling Ball)	2 in		

Test Method

FAR 25.853(a)	Exiting Time	Burn Length	Drip Exiting
12 Sec. Vertical Burn	15 sec/max	8 in/max	5 sec/max
Polyken 290FR	0 sec.	.25 in	No Drip
FAR 25.855(d)	Exiting Time	Flame Penetration	After Glow
30 Sec. At 45° Angle	15 sec/max	None	10 sec/max
Polyken 290FR	0 sec.	None	0 sec.

**Recommended storage conditions: 40-60% Humidity, 60°F-80°F

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