



PSA-Backed Aluminized Fiberglass

THERMAL CONTROL PRODUCTS, INC.

Description

This product is a lamination of fiberglass fabric and aluminum foil with a pressure sensitive backing for use in automotive and industrial heat shields.



Key Benefits:

- Self-adhering
- Fiberglass fabric, aluminum foil laminate and pressure-sensitive adhesive construction
- Excellent protection against radiant heat
- Die-cut, tape or custom sized designs available
- * Actual heat resistant properties are application specific

Characteristics:

- Reflects 90% of radiant heat energy
- Recommended continuous operating temp. 400°F
- Maximum short-term exposure temp. 1000°F

Property Data

Characteristic	Method	Values*	
		English	Metric
Weight	ASTM-D-3776	12.2 – 14.76 oz/sq yd	457 g/m ² ± 9.5%
Thickness	ASTM-D-1777	0.017 – 0.023 in	0.509 mm ± 0.075 mm
Tensile Strength	ASTM-D-5035	Warp 200 lbs/in Min Fill 125 lbs/in Min	35.72 kg/cm 22.33 kg/cm
Tear Strength	ASTM-D-5587	Warp 25 lbs Min Fill 25 lbs Min	11.34 kg 11.34 kg
Mullen Burst	ASTM-D-3786	200 psi Min	21 kg/cm ²
PEEL Adhesion	PSTC-1	3.5 lbs/in	
Cut Tolerance			± 3 mm
Color and Coating		Aluminum Foil	
Base Fabric and Weave		Fiberglass/Plain Weave	

*All values are nominal unless otherwise specified.

**Information provided by supplier.

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