Energy Shield ™ - Thinsulate

MATERIAL DESCRIPTION

Energy Shield Thinsulate contains 2-layers of 18 oz. polyester coated Vinyl around varying layers of Thinsulate Ultra Insulation. R Values Range from 3+.

Thinsulate Ultra

MATERIAL DESCRIPTION

Rolls Width	**60"**
Color	**Off White**
Warmth While Damp	**Retains insulating ability even under damp conditions. Fibers Absorb less than 1% by weight of water. Easily dried.**
Flammability	**Class 1 - as tested according to procedure described in 16 CFR Part 1610, Federal Flammable Fabrics Act.**
Composition	**Thinsulate Ultra insulation type U: 55% Polyester, 45% Olefin Thinsulate Ultra insulation type I: 58% Olefin, 42% Recycled Polyester Fibers, containing a minimum of 25% post-consumer waste**

** Results above reflect typical performance characteristics of the product listed. This document should not be used as certification to any specification.*

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STEEL GUARD SAFETY PRODUCTS

18oz Coated Polyester Vinyl - Flame Resistant

MATERIAL DESCRIPTION

Roll Weight	**18OZ/YD²**
Roll Width	**61"**
Fiber	**Polyester (1000D x 1300D)**
Fabric Style	**Woven (18 x 17)**
Type of Coating	**Poly Vinyl Chloride**
Coating Distribution	**60% front / 40% back**
Sealing Properties	**☒ Dielectric ☒Thermal**

PROPERTY	RESULTS	TEST METHODS Fed. Std. 191A / ASTM	
Grab Tensile	Warp 400 lbs Fill 390 lbs	5100	D5034
Strip Tensile	Warp (2"): 290 lbs Fill (2"): 280 lbs	5102	D5035
Tongue Tear	Warp 90 lbs Fill 85 lbs	5134	D751
Adhesion	Adhesive (1”): 10lbs		
Abrasion (Taber) Wheel: H-18 Load: 1000 gr	1000 Cycle, 70 rpm	5106	D3884
Hydro Resistance	500 PSI	5512	
Low Temperature	-40 degrees F		
Flame Resistance			
Time of After Flame	1.00	5903	
NFPA701 (Large Scale)	Pass	N/A	
NFPA701 (Small Scale)	Pass	N/A	
FAR 25.853 (b)	Pass	N/A	
California Fire Marshall	Pass	N/A	

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