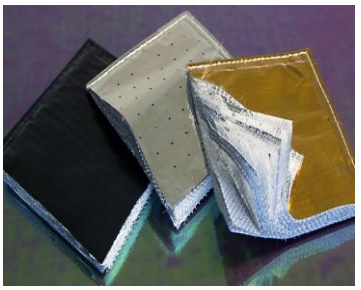
BA 353

VDA / 500Ga PET



Description:

BA 353 is a 500 gauge polyester (PET) film aluminized on the outside (99.99% pure aluminum). It is used in cryogenics, in low to moderate temperature MLI blankets and for protective covering and bagging when ESD coatings are applied. The 5 mil film has emittance ≤0.04, absorptance ≤0.14 and is rated -420 to 250 °F continuous.

Features & Benefits:

- Emittance ≤0.04, absorptance ≤0.14, A/E 3.50 (outside)
- Surface resistivity ≤1.0 Ω/sq (outside)
- Outgassing TML-WVR <1.0%, CVCM <0.1% (ASTM E595-93)
- Rated -420 to 250 °F continuous

Applications:

Cryogenics

Low to moderate temperature MLI blankets

Protective covering and bagging with ESD coatings

Construction/ Typical Properties	Value		Test Method
Aluminum (outside):	99.99% pure AL		
Surface Resistivity (outside):	≤1.0 Ω/sq		
Absorptance (outside):	≤0.14		
Emittance (outside):	≤0.04		
A/E (outside):	3.50		
Outgassing:	This product meets NASA guidelines per ASTM E595-93 as follows: TML-WVR <1.0%; CVCM <0.1%.		ASTM E595-93
	Imperial	Metric	
Total Thickness:	5 mil	127 µm	
Weight / Area:	5.16 oz/yd^2	175 g/m^2	
Operating Temperature (Continuous):	-420 to 250°F	-250 to 120°C	

The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. Bron Aerotech does not warrant that the product is fit for any particular purpose. Purchaser must determine suitability of the product for the intended use. Bron Aerotech, Inc. assumes no liability for claims beyond the replacement value of our product proved to be defective. Manufactured for and distributed by Bron Aerotech.

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