

BA 14-1

ESD Tape

Description:

BA 14-1 is a single-sided polyester film / aluminum foil laminate tape for the wire and cable industry. It dissipates static charge, resists abrasion and shields against EMI in a thin 2.1 mil build. It is used for cable protection and electrical insulation, with 18 lb/in breaking strength.



Features & Benefits:

- Electrostatic dissipating (ESD) laminate
- EMI shielding
- Thin (2.1 mil), conformable
- Abrasion resistant, 18 lb/in breaking strength

Applications:

Electrical and electrostatic shielding

EMI shielding

Cable and wire protection

Electrical and coil insulation

Wrapping

Construction/ Typical Properties	Value		Test Method
Color(s):	Natural (Silver); other colors available		
Backing:	Polyester Film / Aluminum Foil		
Layer Thickness:	Polyester film 0.92 mil (23 µm), aluminum foil 1.0 mil (25 µm)		
Elongation at Break:	75%		ASTM-D-882
Weight per Square Yard:	3.0 oz./sq. yd. +/- 10%		
Yield:	5.3 sq. yds./lb. +/- 10%		
	Imperial	Metric	
Total Thickness:	2.1 mils ± 10%	53 µm ± 10%	ASTM-D-374
Breaking Strength:	18 lb/in	31.5 N/cm	ASTM-D-882
Tensile Strength:	8,600 psi	59.3 MPa	ASTM-D-882
Shelf Life:	1 year when stored at 70 °F and 50 % R.H.		

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.

Copyright© Bron Aerotech
Last Updated: 10/4/2026