

BA ETFE2

ETFE Release Film - Perforated or Non-Perforated

Description:

BA ETFE2 is a 2 mil ETFE release film made from a copolymer of ethylene and tetrafluoroethylene. It releases cleanly, resists chemicals, weathering and stress cracking, and can be thermoformed, which makes it a dependable choice for composite molding, roofing and many other demanding uses. It performs from -328 to 330 °F, with 7,000 psi tensile strength and 5,500 V/mil dielectric strength.



Features & Benefits:

- Withstands extreme temperatures: performance from -328 to 330 °F, melt point 482 to 518 °F
- Excellent chemical and mechanical properties: tensile strength 7,000 psi, tensile modulus 140,000 psi; dimensionally stable and stress crack resistant
- Excellent weatherability; low flammability (limiting oxygen index 30%)
- Superior release properties; thermoformable
- Available in cementable (surface treated) form, perforated or non-perforated, in blue, red and custom colors
- Product thickness from .0005 in (.0127 mm) to .020 in (.5 mm); widths up to 62 in (1575 mm) for .0005 to .010 in and up to 48 in for .010 to .020 in

Applications:

Composite molding and release

Solar collectors

Wall coverings and anti-graffiti protection

Dimensional stability for secondary processes

Construction/ Typical Properties	Value		Test Method
Color(s):	Blue, Red and custom colors		
Backing:	ETFE Fluoropolymer Film		
Elongation at Break:	300%		D-882
Limiting Oxygen Index:	30%		D-2863
	Imperial	Metric	
Film Thickness:	2 mil	51 µm	
Tensile Strength at Break:	7,000 psi	48 MPa	D-882
Tensile Modulus:	140,000 psi	965 MPa	D-882
Dielectric Strength:	5,500 v/mil	217 kV/mm	D-149
Melt Point:	482-518°F	250-270°C	D-3418
Refractive Index:	1.40		D-542

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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Last Updated: 10/4/2026