AeroWindTech
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AWT655
ETFE Release Film

Overview

AWT655 is our transparent Blue High Temperature ETFE Release Film produced from ethylene and tetrafluoroethylene co-polymer resin by a melt extrusion casting process. It is designed specifically for composite manufacturing and repair processes where elevated temperatures and pressures are required. AWT655 is manufactured to the highest quality standard to ensure outstanding chemical resistance and high thermal stability and is compatible with most resin systems. ETFE films can be heat-sealed, thermoformed, and laminated to various substrates. ETFE is the material of choice for release film in high temperature composite molding due to its superior non-stick properties and high upper use temperature in static applications and offers better flexibility than FEP films for contoured parts.

Benefits

- Can withstand periodic service temperature increases close to or above its melting point
- Can be heat-sealed, thermoformed, laminated to various substrates
- Excellent release properties at any temperature within range
- Features High elongation and excellent conformability to complex, contoured molds and tear resistant

Technical Properties		Test Method
Tensile Strength	7000 PSI	ASTM D638
Elongation	350%	ASTM D882
Continuous Use:	450°F (232°C)	UL-746B
Melt Point:	500°F (260°C)	ASTM D3418
Standard Properties		
Color	Blue	
Thickness	.001	
Width	48” and 60”	
Length	200’ and 600’	
Perforation	Non-Perforated and P3	
Shelf Life	N/A	

Custom color, thickness, and widths are available upon special order. MOQ may apply.

STORAGE

Product should be stored properly in a cool dry place around 72°F (22°C) to keep material soft and subtle for use.

PACKAGING

Product is sold by the roll and packaged on 3” cores for use on customer racks in clean room. Product is covered in plastic and completely boxed for protection during transit or storage.

Freight Classification

Product is categorized as Plastic Sheeting Class 50, not hazardous for transport.

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