

Overview

Our AWT654 product is our transparent Red High Temperature FEP Release Film produced from Fluorinated Ethylene Propylene (FEP) resin by a melt extrusion casting process. Our AWT654 film is designed specifically for composite manufacturing and repair processes where elevated temperatures and pressures are required. Our AWT654 product is manufactured to the highest quality standard to ensure outstanding chemical resistance and high thermal stability. Product is compatible with most resin systems. FEP films can be heat-sealed, thermoformed, laminated to various substrates, and serve as a melt adhesive.

Benefits

- Features high elongation and excellent conformability to complex contoured molds
- Can withstand periodic service temperature increases close to or above its melting point
- Can be heat-sealed, thermoformed, laminated to various substrates, and serve as a melt adhesive.
- Excellent release properties at any temperature within range

Technical Properties

		<u>Test Method</u>
Tensile Strength	5000 PSI	ASTM D638
Elongation	325%	ASTM D882
Continuous Use:	400°F (205°C)	UL-746B
Melt Point:	520°F (267°C)	ASTM D3418

Standard Properties

Color	Red
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.