

Data Sheet

A4000

High performance fluoropolymer release film

DESCRIPTION

A4000 release film is a high temperature and high elongation release film which will conform easily to the most complex curvatures. The film is capable of temperatures up to 260 °C. This film will release from most resin systems and will provide a glossy finish when removed from the laminate. All standard perforations are available. Please see our perforation table in this section.

BENEFITS

- Good elongation and softness reduces bridging in corners resulting in less rework on resin rich corners.
- High visibility colors reduces risk of leaving film on cured parts or confusion between perforation styles.
- Excellent release from cured parts, film comes off easily and leaves a glossy finish.

TECHNICAL DATA

		Test method
Material type	FEP	
Elongation at break	300 %	ASTM D 882
Tensile strength	21 MPa	ASTM D 882
Maximum use temperature	260°C	
Materials to avoid	Compatible with most resin systems	
Colour	Clear/Red/Violet/White	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Forms Available*
25 µm (0,001 inch)	up to 2 m (80 inches)	SHT
50 µm (0,002 inch)	up to 2 m (80 inches)	SHT

- For more sizes, see the *Commonly Used Sizes* chart in this section.
 - Custom shapes and sizes are available, please contact Airtech for more information.
- *SHT = sheeting

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Bondable A4000 is available bondable one side (BOS). Shelf life is 18 months from date of shipment when stored in original packaging at 72°F (22°C).