

A5000 RELEASE FILM

Violet, White or Clear High Elongation FEP Fluorocarbon Release Films, Plain and Perforated

DESCRIPTION:

A5000 is a high performance FEP release film available in violet white or clear. **A5000** is a high elongation release film suitable for use in cure cycles up to 500°F (260°C).

APPLICATION:

The high elongation of **A5000** overcomes bridging in complex contour lay-ups. The high-temperature capabilities of **A5000** are compatible with most commonly used resin systems and will release easily after cure. **A5000** in violet or white is easily identifiable against the part for removal and the color will not transfer.

A5000 is available non-perforated or in the perforations shown in Table I in this section of our catalog.

MECHANICAL PROPERTIES	TYPICAL VALUES	
Tensile strength:	> 3,500 PSI	246 kg/cm ²
Elongation:	> 450%	
Yield:	90.28 ft ² /lb/mil	18.45m ² /kg/25μ
THERMAL PROPERTIES	°F	°C
Maximum use temperature:	500	260
Melt point (DSC):	540	282
Melt point (DSC): 424 218		

A5000 is available in standard roll sizes at:

white & clear:

.001" x 48" x 600 ft. (.025mm x 1.22m x 183m).
 .002" x 48" x 300 ft. (.051mm x 1.22m x 91m).
 .002" x 58" x 224 ft. (.051mm x 1.47m x 68m).
 .001" x 72" x 400 ft. (.025mm x 1.83m x 122m).
 .002" x 72" x 200 ft. (.051mm x 1.83m x 61m).

violet:

.001" x 50" x 500 ft. (.025mm x 1.27m x 152m).
 .002" x 50" x 250 ft. (.051mm x 1.27m x 76m).
 .001" x 60" x 417 ft. (.025mm x 1.52m x 127m).
 .002" x 60" x 208 ft. (.051mm x 1.52m x 63m).
 .001" x 72" x 347 ft. (.025mm x 1.83m x 106m).
 .002" x 72" x 174 ft. (.051mm x 1.83m x 53m).

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