



3-27-07

TECHNICAL DATA

A5000 ST

Clear FEP Shrinkable Release Tubing

DESCRIPTION:

The **A5000 ST** is a clear, shrinkable release tubing designed for use on OML tooling surfaces where a release tubing would be desirable. **A5000 ST** is a high-temperature release film that is highly conformable to tooling surfaces.

APPLICATION:

A5000 ST is ideal for cylindrical tooling where a release surface is necessary. **A5000 ST** can be easily applied over the tooling surface, when exposed to temperature (onset at ~300°F) the shrink initiates and **A5000 ST** shrinks to conform to your tooling shape by utilizing the characteristic of this unique product. **A5000 ST** can shrink up to 12% creating a tight, smooth release surface for your tooling application.

PROPERTIES:

| | | |
|----------------------|--|-----------------------------|
| Thickness, | .002" | .051 mm |
| Yield | 44.7 ft ² ./lb. | 99.11 sq.m ² /kg |
| Color | Clear | |
| Shrinkage | Up to 12% | |
| Shrink Onset | 250°F (recommend 350°F + for maximum shrink) | |
| Elongation | 450 % | |
| Melt Point | 540°F | 260°C |
| Max. use temperature | 500°F | 260°C |
| Release | Will release from all commercial resin systems | |

Note: Technical information furnished is based on laboratory findings and is believed to be correct. No warranties of any kind are made except that the materials are of standard quality. All risk and liabilities arising from handling, storage and use of product, as well as compliance with applicable legal restrictions rest with the user. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention or process without a license.