

## Data Sheet

## STRETCHLON® HT-350

High temperature, high elongation vacuum bagging film

### DESCRIPTION

Stretchlon® HT-350 is a higher temperature version of Stretchlon® 200. It can be used with all standard epoxy resin systems. The very high elongation makes this film easy to use on contour lay-ups and is an excellent choice for ply compaction. It is not recommended for autoclave processing. This film is not affected by low humidity conditions.

### BENEFITS

- Save time bagging with fewer pleats as film stretches over complex shapes.
- Avoid rework of resin rich corners by reducing bridging in corners.
- Single choice high elongation film for compaction and mid-range curing.

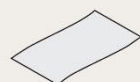
### TECHNICAL DATA

|                         |                                                     | Test method |
|-------------------------|-----------------------------------------------------|-------------|
| Material type           | Thermoplastic elastomer                             |             |
| Elongation at break     | >550 %                                              | ASTM D 882  |
| Tensile strength        | 62 MPa                                              | ASTM D 882  |
| Maximum use temperature | 162°C                                               |             |
| Materials to avoid      | Polyester and vinyl ester                           |             |
| Colour                  | Grey                                                |             |
| Shelf life              | Unlimited when stored in original packaging at 22°C |             |

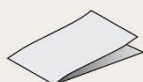
### SIZES

| Thickness          | Width               | Length           | Weight / Roll     | Forms Available*         |
|--------------------|---------------------|------------------|-------------------|--------------------------|
| 75 µm (0,003 inch) | 3,04 m (120 inches) | 229 m (750 feet) | 60,8 kg (134 lbs) | CF to 1,52 m (60 inches) |

- Custom shapes and sizes are available, please contact Airtech for more information.



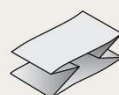
\*SHT=Sheeting



CF=Centerfold



LFT=Lay-Flat  
Tubing



GT=Gusseted  
Tubing



G=Gusseted

← Slit  
Open Edge

### NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.