

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.

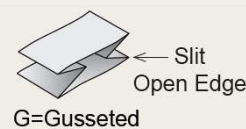
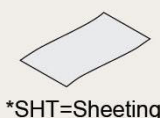
TECHNICAL DATA

Material type	Thermoplastic elastomer	Test method
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.



NOTES

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