AIRTECH EUROPE Sarl
ZI Haneboesch
L-4562 Differdange
LUXEMBOURG
Phone : +352 58 22 82 1
Fax : +352 58 49 35
E-mail : sales@airtech.lu
Website : www.airtech.lu

Data Sheet

STRETCHLON® 850

Highly flexible bagging film

DESCRIPTION

Stretchlon® 850 is a high elongation film in tube form with a good softness which will conform to complex contours. This film is designed to remain more flexible than standard nylon films in low humidity conditions. Stretchlon® 850 is recommended for epoxy and BMI resins.

BENEFITS

- High stretch tubular film reduces time envelope bagging complex parts without bridging.
- Better part quality with film stretching to apply full pressure over complex shapes.
- Single choice film for internal bladder bagging and external envelope bagging.

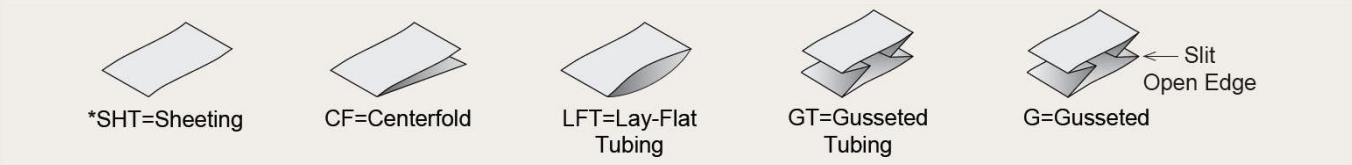
TECHNICAL DATA

		Test method
Material type	Nylon	
Elongation at break	450 %	ASTM D 882
Tensile strength	69 MPa	ASTM D 882
Maximum use temperature	204°C	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Phenolic resins/Strong oxidizers	
Colour	Orange	
Shelf life	Unlimited when stored in original packaging at 22°C	

SIZES

Thickness	Width	Forms Available*
50 µm (0,002 inch)	from 0,05 m (2 inches) to 4,06 m (160 inches)	SHT, LFT, CF
75 µm (0,003 inch)	from 0,06 m (2,5 inches) to 2,03 m (80 inches)	LFT

- For more sizes, see the *Commonly Used Sizes* chart in this section.
- 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.

Last updated : 2015-11-03

Catalogue position : Bagging films

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