

Data Sheet

STRETCHLON® 800

Soft, flexible nylon bagging film

DESCRIPTION

Stretchlon® 800 vacuum bag film has the highest elongation from all nylon films and is suitable for cure temperatures up to 400°F (204°C). When parts with multiple contours are vacuum bagged, Stretchlon® 800 is a good choice offering to stretch into most areas. This film is designed to remain more flexible than standard nylon films in low humidity conditions. Stretchlon® 800 is recommended for epoxy and BMI resins.

BENEFITS

- Soft film is unaffected by low humidity, avoiding brittle film bag damage and vacuum loss.
- High elongation film stretches into complex shapes applying full pressure, improving part quality.
- Film is easier to work with and requires no conditioning, reducing time and cost of bagging.

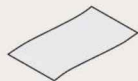
TECHNICAL DATA

		Test method
Material type	Nylon	
Elongation at break	450 %	ASTM D 882
Tensile strength	10,000 psi (69 MPa)	ASTM D 882
Maximum use temperature	400°F (204°C)	
Flammability (self extinguishing)	Yes	ATP-5034
Materials to avoid	Phenolic resins/Strong oxidizers	
Color	Orange	
Shelf life	Unlimited when stored in original packaging at 72°F (22°C)	

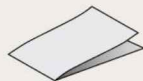
SIZES

Thickness	Width	Forms Available*
0.002 inch (50 µm)	up to 140 inches (3.56 m)	SHT, CF

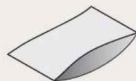
- For more sizes, see the *Commonly Used Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.



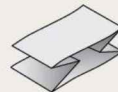
*SHT=Sheeting



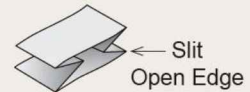
CF=Centerfold



LFT=Lay-Flat
Tubing



GT=Gusseted
Tubing



G=Gusseted

NOTES

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