

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 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	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	

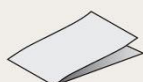
■ SIZES

Thickness	Width	Forms Available *
50 µm (0,002 inch)	up to 3,5 m (140 inches)	SHT, CF

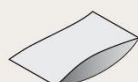
- For more sizes, see the *Commonly Used Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.



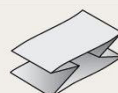
*SHT=Sheeting



CF=Centerfold



LFT=Lay-Flat
Tubing



GT=Gusseted
Tubing



G=Gusseted

← 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.