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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.

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Catalog position: Bagging films