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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 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	up to 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 Tygavac for more information.

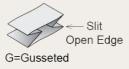


CF=Centerfold





GT=Gusseted Tubing



NOTES

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

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Catalogue position : Bagging films

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