

Data Sheet

STRETCHLON® 200

Bagging film with the highest elongation

■ DESCRIPTION

Stretchlon® 200 vacuum bag film is a high elongation elastomeric film which can be used for cures up to 250 °F (121 °C) and debulking operations. When parts with multiple contours are vacuum bagged, Stretchlon® 200 is an excellent choice as the high elongation will stretch into complex features. This film is not affected by low humidity environment. It is recommended for cures with epoxy and phenolic resins.

■ TECHNICAL DATA

		Test method
Material type	Thermoplastic elastomer	
Elongation at break	500 %	ASTM D 882
Tensile strength	8000 psi (55 MPa)	ASTM D 882
Maximum use temperature	250 °F (121 °C)	
Materials to avoid	Bismaleimide (BMI)/ Polyester and vinylester	
Yield	35.8 m ² /Kg/25.4 µm	
Color	Green	
Shelf life	Indefinite	

■ SIZES

Thickness	Width	Length	Weight / roll	Forms available*
0.0015 inch (37.5 µm)	60 inches (1.52 m)	2000 feet (610 m)	86 lbs (39 Kg)	SHT
0.0015 inch (37.5 µm)	120 inches (3.04 m)	1000 feet (305 m)	86 lbs (39 Kg)	CF to 60 inches

■ NOTES

- > Sale and use of the product covered by US Patent No. 5123985.
- > Maximum use temperature is dependent upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.
- > Other sizes available upon request. Minimum order may be required.
- > Custom designed shapes and sizes are available to fit your individual requirements. Please consult Airtech for further information.

* SHT = sheeting, CF = centerfold, LFT = lay-flat tubing, LFT-G = lay-flat tubing gusseted.

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Catalog position : **Bagging films**