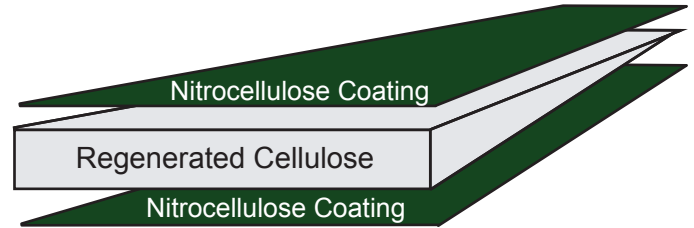


## Cellophane™ MST Heat Sealable Nitrocellulose Coated Cellulose Film



## Product Features

**DESCRIPTION:** A regenerated cellulose film, coated on both sides with nitrocellulose (N/C) by a solvent process. This material is heat sealable.

### FEATURES:

- Excellent Dead-Fold Characteristics
- Heat Sealable on Both Sides
- Barrier to Water Vapor, Gasses and Aromas
- Anti-Static
- High Gloss and Transparency
- Resistant to Oils and Greases
- Receptive to Inks, Adhesives and Tear Tapes
- Biodegradable Base Film

### APPLICATIONS:

- Twist and Bunch Wrapping of Hot and Sticky Candy Products (i.e. Caramel, Nougats on High Speed Machinery)

Property		Value	Unit	Test Method
<b>Physical Properties</b>				
Thickness		87      99      137	gauge	
Yield		22,000      19,500      14,100	in <sup>2</sup> /lb	
Tensile Strength	MD TD	17,000 9,000	PSI	ASTM D 882
Elongation	MD TD	22 70	%	ASTM D 882
COF (film to film)	Static Dynamic	0.25 0.20		ASTM D 1894
1% Secant Modulus	MD TD	>290,000 >145,000	PSI	ASTM D 882
<b>Thermal Properties</b>				
Seal Range		195-320	°F	0.5 secs x 10 PSI
Seal Strength		180	g(f)/1.5inches	275°F x 0.5 secs x 10 PSI
<b>Optical Properties</b>				
Haze		4	%	ASTM D 1003
Gloss		90	%	ASTM D 2457
<b>Barrier Properties</b>				
Water Vapor Transmission		1.3	g/100in <sup>2</sup> /24hrs	100°F x 90% RH
Oxygen Transmission		0.19	cc/100in <sup>2</sup> /24hrs	75°F x 0-5% RH

\* All values +/- 10%

**Food Contact:** Cellophane™ MST is suitable for most applications involving direct contact with foodstuffs. Nitrocellulose coated films are manufactured to meet current food contact regulations relating to regenerated cellulose films, including FDA regulation 21 CFR 177.1200.

**Film Storage:** Cellophane™ MST should be stored in its original wrapping away from any source of local heating or direct sunlight at temperatures between 60-75°F and at a relative humidity of 35-55%. Cellophane™ MST is suitable for use for 6 months from the date of delivery, and stocks should be used in rotation.

## Standard Roll Sizes

Available Core Sizes →	3"	3"	3"	6"
Approximate Roll OD →	9.5	13	18	18¾"
Standard Cellophane Gauges	Approximate Roll Lengths			
76	6,500	13,000	26,000	
86	5,700	11,400	22,800	
87	5,700	11,400	22,800	
90	5,700	11,400	22,800	
99	5,000	10,000	20,000	
100	5,000	10,000	20,000	
121	4,100	8,200	16,400	
137	3,600	7,200	14,400	
150	3,600	7,200	14,400	
160	3,000	6,000	12,000	
164	3,000	6,000	12,000	
170	2,900	5,750	11,500	

\*Non-standard roll lengths/OD's are available on special request.

## Available Widths

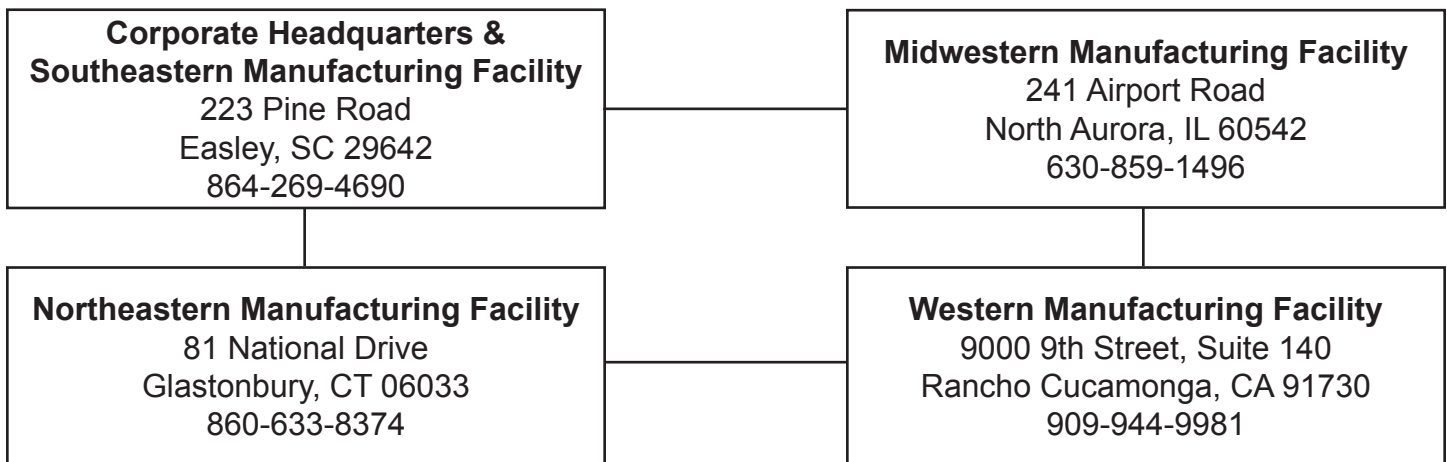
- Most films are available in roll widths from ¼ inch to 80 inches

## Minimum Order Quantities

- Minimum order quantity is 500 lbs. Freight will be prepaid and added to invoice.
- Production orders less than 500 lbs. will incur a less than minimum order fee.
- Orders greater than 1000 lbs. are shipped freight paid.

## Plant Locations

Nationwide service through four plants locations.



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