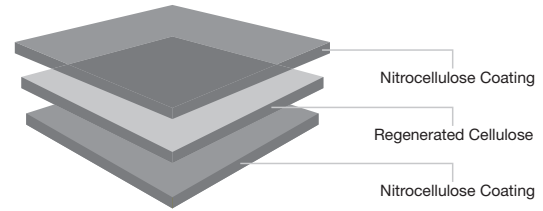


CELLOPHANE™ MST

Heat Sealable Nitrocellulose Coated Cellulose Film



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
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APPLICATIONS:

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

TECHNICAL DATA:

PROPERTY		VALUE			UNIT	TEST METHOD
Physical Properties						
Thickness		87	99	137	gauge	
Yield		22,000	19,500	14,100	in ² /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
Thermal Properties						
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
Optical Properties						
Haze		4			%	ASTM D 1003
Gloss		90			%	ASTM D 2457
Barrier Properties						
Water Vapor Transmission		1.3			g/100in ² /24hrs	100°F x 90% RH
Oxygen Transmission		0.19			cc/100in ² /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.

Note: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The information does not constitute a warranty nor guarantee of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the information.