

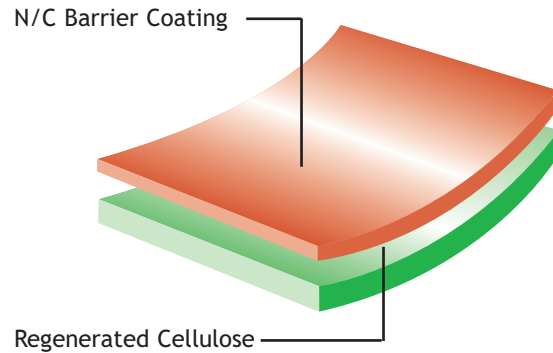
Cellophane DM/DMS

Data

Features - 1 Side Coated Lamination Films

Regenerated cellulose film, coated on one side only with nitrocellulose by a solvent process.

- DM non heat-sealable
- DMS heat-sealable on the coated side
- Anti-static
- Uncoated side is particularly receptive to inks, adhesive coatings or extrusion lamination
- Excellent dead-fold characteristics
- High gloss and transparency
- Biodegradable base film



Applications

320DM & 345DMS Designed to be used as a substrate in laminations accommodating a wide spectrum of packaging applications, eg, condiments, dehydrated foodstuffs, freeze-pops, twist and bunch wrapping.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	DM 320	DMS 345
Thickness	Innovia Films test		mil	0.87	0.95
Yield	Innovia Films test		in ² /lb	22000	20400
Permeability to: Water vapor	ASTM E96	100° F 90% RH	g/100in ² . 24 hrs	10	
Oxygen	ASTM F 1927	75° F 0-5% RH	cc/100in ² . 24 hrs.bar	0.19	
Optical: Gloss	ASTM D 2457	45°	units	95	
Haze (wide angle)	ASTM D 1003	2.5°	%	3.5	
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.25 0.20	
Tensile strength	ASTM D 882		kpsi MD TD	18 9	
Elongation at break	ASTM D 882		% MD TD	22 70	
Elasticity modulus (1% secant)	ASTM D 882		kpsi MD TD	>290 >145	
Sealing range	Innovia Films test	0.5 secs; 10 psi	°F	N/A	195-320
Seal strength	Innovia Films test	275° F; 0.5 secs; 10 psi	g(f)/1 ^{1/2} in	N/A	170

All properties are tested under standard laboratory conditions: 75°F; 50± 5% RH, unless otherwise stated.

MD Machine Direction TD Transverse Direction

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Roll Specifications

Roll Lengths vs Approximate Outside Diameter

Film	Length/(feet)		
	9 1/2" O.D. (3" Core)	13" O.D. (3" Core)	18" O.D. 18 3/4" O.D. (3" Core) (6" Core)
320DM	5700	11400	22800
345DMS	5250	10500	21000

Other roll lengths are available subject to negotiation.

Sheets

Sheets can be provided to a range of sizes and shapes upon request.

Film Storage

To maintain the high quality of these products during storage it is recommended that Cellophane DM and DMS should be stored in their original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 60-75 °F

Relative Humidity: 35-55%

Cellophane DM and DMS are suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

Films should be allowed to reach operating room temperatures for 24 hours before use.

Food Contact

Cellophane DM and DMS are 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. For specific enquiries, please refer to literature reference A130 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference A190.



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