

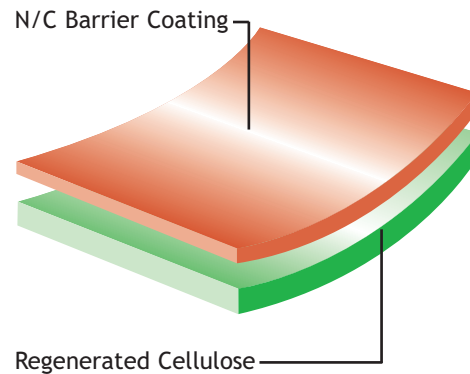
Cellophane™ DMS

Data

Features - 1 Side Coated Lamination Films

Regenerated cellulose film (RCF), coated on one side with nitrocellulose by a solvent process.

- 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

320DMS 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	DMS 320
Thickness	Innovia Films test		micron	22.2
Yield	Innovia Films test		m ² /kg g/m ²	31.3 32.0
Permeability to: Water vapour Oxygen	ASTM E 96	38°C 90% RH	g/m ² .24 hrs	150
	ASTM F 1927	23°C 0-5% RH	cc/m ² .24 hrs. bar	3
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		MN/m ² MD TD	125 70
Elongation at break	ASTM D 882		% MD TD	22 70
Elasticity modulus (1% secant)	ASTM D 882		MN/m ² MD TD	>3000 >1500
Sealing range	Innovia Films test	0.5 secs; 69 kN/m ²	°C	90-160
Seal strength	Innovia Films test	135°C; 0.5 secs; 69 kN/m ²	g(f)/38mm	170

All properties are tested under standard laboratory conditions: 23± 2°C; 50±5% RH, unless otherwise stated.

MD Machine Direction TD Transverse Direction

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Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)			
	320DMS	1700	3400	6800
Outside Diameter for 77mm Core	240mm	330mm	450mm	ns
Outside Diameter for 153mm Core	ns	355mm	475mm	570mm

ns = non-standard

Other reel lengths are available subject to negotiation.

Sheets

We can provide sheets to a range of sizes and shapes upon request.

Film Storage

To maintain the high quality of this product during storage it is recommended that Cellophane DMS should be stored in its original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 17-23°C

Relative Humidity: 35-55%

Cellophane DMS is 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 DMS is suitable for most applications involving direct contact with foodstuffs. 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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