

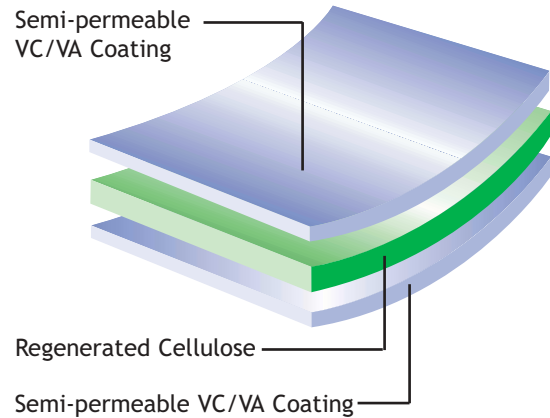
Cellophane WS

Data

Features - Semi-Permeable Film

Regenerated cellulose film (RCF), coated on both sides with a vinyl chloride/vinyl acetate copolymer by a solvent process.

- Heat-sealable on both sides
- Wide heat-sealing range
- Intermediate barrier to water vapor, good barrier to gases and aromas
- Anti-static
- Resistant to oils and greases
- Both sides of the film are equally receptive to inks, adhesives and tear-tapes
- Very high gloss and transparency
- Biodegradable base film



Applications

335/430WS Particularly suitable for the packaging of products requiring protection from mold or bacterial growth which can be caused by moisture build-up in the pack. 335/430WS has been designed to help regulate the humidity levels through its intermediate permeability to moisture. Also recommended for the

packaging of products with low sugar content, products containing fillings and the overwrapping of cartons containing perfumes or cosmetics.

335WS A special grade is produced which is particularly suited to the wrapping of specialty soft cheeses such as camembert and brie.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	WS	
				335	430
Thickness	Innovia Films test		mil	0.92	1.18
Yield	Innovia Films test		in ² /lb	21000	16400
Permeability to: Water vapor	ASTM E96	100° F 90% RH	g/100in ² . 24 hrs	24	
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	
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.25 0.20	
Tensile strength	ASTM D 882		kpsi MD TD	18 10	
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	220-320	
Seal strength	Innovia Films test	275° F; 0.5 secs; 10 psi	g(f)/1'/:in	200	

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)
335WS	5300	10600	21200
430WS	4200	8400	16800

Other roll 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 WS should be stored in its 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 WS 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 WS is suitable for most applications involving direct contact with foodstuffs. Vinyl chloride/vinyl acetate copolymer coated films are manufactured to meet current food contact regulations relating to regenerated cellulose films, including FDA regulation 21 CFR 177.1200. For specific inquiries, please refer to literature reference A120 or contact our Technical Services Department.

Health & Safety Guidelines

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



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