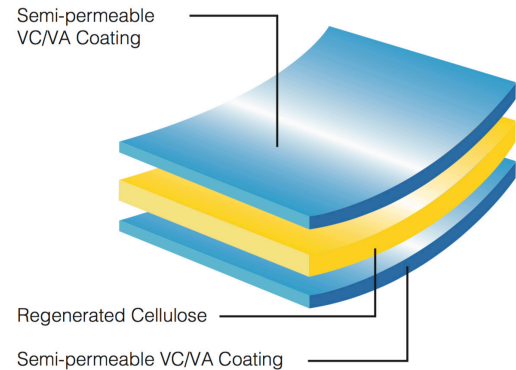


TRANSCELLO® WS-F

FEATURES – SEMI-PERMEABLE FILM

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

- Heat-sealable on both sides
- Intermediate barrier to water vapor, good barrier to gases and aromas
- Inherent anti-static properties
- Resistant to oils and greases
- Both sides of the film are equally receptive to inks, adhesives and tear-tapes
- Excellent gloss and transparency
- Based on renewable wood pulp
- Excellent dead-fold characteristics



APPLICATIONS

335WS-F is particularly suitable for the packaging of products requiring protection from mold or bacterial growth. Also recommended for the packaging of products with a low sugar content, products containing fillings and the over-wrapping of cartons containing perfumes or cosmetics.

TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTY		TEST BASIS	TEST CONDITIONS	UNITS	WS-F 335
THICKNESS		Transcendia test	-	mil	0.92
YIELD		Transcendia test	-	in ² /lb	21000
PERMEABILITY TO:	WATER VAPOR	ASTM E96	100°F 90% RH	g/100in ² .24 hrs	24
	OXYGEN	ASTM F 1927	73°F 50% RH	cc/100in ² .24 hrs	0.32
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	-	0.25
			Dynamic		0.20
TENSILE STRENGTH		ASTM D 882	-	kpsi	MD 18 TD 10
				%	MD 22 TD 70
ELONGATION AT BREAK		ASTM D 882	-	%	MD 22 TD 70
					kpsi
ELASTICITY MODULUS (1% SECANT)		ASTM D 882	-	kpsi	MD >290 TD >145
SEALING RANGE		Transcendia test	0.5 secs; 10 psi	°F	220-320
SEAL STRENGTH		Transcendia test	275°F; 0.5 secs; 10 psi	g(f)/1½in	200

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 guaranty 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 test. 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.

FOOD CONTACT

TRANSCELLO® WS-F is formulated to comply with US legislation for many room temperature food contact applications. Customers intending to use the film in a food contact application must request the Declaration of Compliance which gives full details. For information on other countries please contact your Transcendia Sales Office.

HEALTH AND SAFETY GUIDELINES

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

FILM STORAGE

To maintain the high quality of this product during storage it is recommended that TRANSCELLO® WS-F 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%

TRANSCELLO® WS-F 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.

CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

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