

TRANSCELLO™ MS-F

DESCRIPTION:

TRANSCELLO MS-F is a regenerated cellulose film, coated on both sides with nitrocellulose by a solvent process.

CHARACTERISTICS:

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

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness	Gauge	87	99	137	-
Yield	in ² /lb	22,000	19,500	14,100	-
Tensile Strength MD	psi	17,000	17,000	17,000	ASTM D882
Tensile Strength TD	psi	9000	9000	9000	ASTM D882
Elongation at Break MD	%	22	22	22	ASTM D882
Elongation at Break TD	%	70	70	70	ASTM D882
Seal Strength	g(f)/in	180	180	180	275°F; 0.5 secs; 10psi
WVTR	g/100 in ² /24 hrs	1.3	1.3	1.3	ASTM E96 100°F 90% RH
OTR	cc/100 in ² /24 hrs	0.06	0.06	0.06	ASTM D1927 75°F 0% RH
Gloss 45°	Units	90	90	90	ASTM D2457
Haze (wide angle) 2.5°	%	4	4	4	ASTM D1003
Sealing range	°F	195-320	195-320	195-320	0.5 secs; 10 psi
COF	Static	0.25	0.25	0.25	ASTM D1894
COF	Dynamic	0.20	0.20	0.20	ASTM D1894

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.

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