

## CELLOPLUS MS-F Cellulose Film

### DESCRIPTION

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

### CHARACTERISTICS

- Good barrier to water vapor, high barrier to gases, and aromas
- Excellent dead-fold characteristics
- Resistant to oils and greases
- Heat sealable on both sides
- Both sides of the film are equally 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.

### COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

### TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness	gauge	87	99	137	-
Yield	in <sup>2</sup> /lb	22,000	19,500	14,100	-
Tensile Strength MD	psi	17,000			ASTM D882
Tensile Strength TD	psi	9000			ASTM D882
Elongation at Break MD	%	22			ASTM D882
Elongation at Break TD	%	70			ASTM D882
Seal Strength	g/1.5in	180			275°F/0.5sec/10psi
WVTR	g/100 in <sup>2</sup> /day	1.3			ASTM E96 (100°F 90% RH)
OTR	cc/100 in <sup>2</sup> /day	0.32			ASTM D1927 (73°F 50% RH)
Gloss 45°	Gloss Units	90			ASTM D2457
Haze (wide angle) 2.5°	%	4			ASTM D1003
Sealing range	°F	195-320			0.5 secs; 10 psi
CoF, film/film (Static)	-	0.25			ASTM D1894
CoF, film/film (Dynamic)	-	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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