

SAFEX[®] SFX200.001 VFFS Film

DESCRIPTION

Nylon coex FFS film that is a high-performance barrier formulation offering excellent hot tack and seal strength with oxygen and water vapor transmission barriers

FDA STATUS

This product is in compliance with 21 CFR 177.1520 Olefin Polymers (c)3.1a and (c)2.3 and may be used as articles or components of articles intended for use in contact with food in Table 1 and in 176.170(c) Table 2 Condition of use C – G.

FDA STATUS

Manufactured with materials compliant with FDA regulations

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES		UNIT OF MEASURE	TYPICAL VALUES				TEST METHOD
Thickness		mil.	1.5	2	4	5	-
Yield		in ² /lb.	18,900	14,150	7,100	5,680	-
Color		-	Natural	Natural	Natural	Natural	
CoF in/in			<0.2	<0.2	<0.2	<0.2	ASTM D1894
CoF out/out			<0.25	<0.25	<0.2	<0.2	ASTM D1894
Tensile Strength	MD	psi	5,500	5,500	5,500	5,500	ASTM D882
Tensile Strength	TD	psi	5,500	5,500	5,500	5,500	ASTM D882
Elongation at Break	MD	%	400	350	475	450	ASTM D882
Elongation at Break	TD	%	350	350	475	450	ASTM D882
Tear	MD	grams			700		ASTM D1922
Tear	TD	grams			700		ASTM D1922
MVTR @90%RH 38°C*		grams	0.75	0.65	0.35	0.3	ASTM F1249
OTR @0%RH 23°C*		cc/100in.2/day	5.5	5	<3	2.5	ASTM D3985
SIT (1 lbf/in @1sec dwell)		°F	235	230	230	235	Transcendia

*Barrier properties are EVOH and nylon grade, layer % and film thickness dependent. Please consult with a sales representative to discuss film specifications and application barrier needs.

*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.

CORPORATE HEADQUARTERS

9201 W. Belmont Avenue | Franklin Park, IL 60131
USA 800.745.5802 | 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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