

NATUREFLEX™ NVS-F (White)

DESCRIPTION:

NatureFlex™ NVS-F is a white heat sealable two side compostable film.

CHARACTERISTICS:

- Based on renewable resources
- Certified as compostable in both industrial and home composting environments, also suitable for anaerobic digestion.
- Semi-permeable to moisture
- Formulated for enhanced print and conversion receptivity
- Controlled slip characteristics
- Heat sealable on both sides
- Cold seal compatible
- Excellent dead-fold characteristics
- Inherent anti-static properties
- Excellent barrier to gases and aromas
- Resistant to oils and greases

FDA STATUS:

Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	87	-
Yield	in ² /lb	21,000	-
Tensile Strength MD	psi	18,000	ASTM D882
Tensile Strength TD	psi	10,000	ASTM D882
Elongation at Break MD	%	22	ASTM D882
Elongation at Break TD	%	70	ASTM D882
Elasticity modulus (1% secant) MD	psi	>435,000	ASTM D882
Elasticity modulus (1% secant) TD	psi	>220,000	ASTM D882
Seal Strength	g(f)in	100	275°F; 0.5 secs; 10psi
Optical gloss 45°	Units	58	ASTM D2457
Opacity	%	53	-
C of F (film to film)	Dynamic	0.30	ASTM D1894
WVTR	g/100 in ² /24 hrs	1.29	ASTM E96 100°F 90% RH
OTR	cc/100 in ² /24 hrs	0.06	ASTM D1927 75°F 0% RH

*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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