

NATUREFLEX® NVS-F

DESCRIPTION

Natureflex NVS-F is a transparent two side heat sealable 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, providing good anti-mist properties
- Formulated for ease of conversion with enhanced print receptivity
- Excellent transparency and gloss
- 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
- PVdC free coating

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 VALUE		TEST METHOD
Thickness		Gauge	92	118	-
Yield		in ² /lb	21,000	16,400	-
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
1% Secant modulus	MD	psi	>170,000		ASTM D882
1% Secant modulus	TD	psi	>85,000		ASTM D882
Seal Strength		g(f)/in	200		275°F, 0.5 secs, 10psi
Sealing Range		°F	195-390		-
Optical gloss 45°		Gloss Units	110		ASTM D2457
Haze (wide angle) 2.5°		%	4		ASTM D1003
COF, A/B (Static)		-	0.3		ASTM D1894
COF, A/B (Dynamic)		-	0.3		ASTM D1894
WVTR (100°F, 90% RH)		g/100 in ² /day	38.5		ASTM E96
OTR (73°F, 50% RH)		cc/100 in ² /day	0.32		ASTM D1927

*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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