

NATUREFLEX® NKR-F

DESCRIPTION

Natureflex NK-F is a transparent, high barrier, two side-sealable compostable film with the addition of a release coat on one side.

CHARACTERISTICS

- Based on renewable resources
- Certified as compostable in both industrial or home composting environments; also suitable for anaerobic digestion
- Excellent moisture barrier
- Heat sealable on both sides
- Good transparency and gloss
- Excellent dead-fold characteristics
- Inherent anti-static properties and controlled slip characteristics
- Good barrier to gases and aromas
- Resistant to oils and greases
- Recommended as outer web in laminations

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	86	92	118	-
Yield		in ² /lb	25,500	21,000	16,400	-
Tensile Strength	MD	psi	18,000			ASTM D882
Tensile Strength	TD	psi	8,500			ASTM D882
Elongation at Break	MD	%	18			ASTM D882
Elongation at Break	TD	%	70			ASTM D882
1% Secant Modulus	MD	psi	>435,000			ASTM D882
1% Secant Modulus	TD	psi	>220,000			ASTM D882
Seal Strength		g(f)/in	250			275°F/0.5sec/10psi
WVTR		g/100in ² /day	1.25			ASTM E96 (100°F 90% RH)
OTR		cc/100in ² /day	0.32			ASTM D1927 (73°F 50% RH)
Gloss 45°		Gloss Units	105			ASTM D2457
Haze (wide angle) 2.5°		%	5.5			ASTM D1003
Sealing range		°F	240-340			0.5 sec; 10 psi
COF, film/film (Static)		-	0.35			ASTM D1894
COF, film/film (Dynamic)		-	0.30			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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