

NATUREFLEX™NVS

DESCRIPTION:

NatureFlex NVS is a compostable, heat sealable, transparent film that is based on renewable resources. It offers improved stiffness under chilled conditions and a controlled level of moisture permeability. It is heat sealable on both sides.

CHARACTERISTICS:

- Biodegradable in home composting and wastewater environments
- Excellent transparency and gloss
- Heat sealable on both sides
- Excellent barrier to gases and aromas
- Anti-static

FDA STATUS:

Compliant with the US Food and Drug Administration regulations under 21 CFR 177.1630, Sections (f).(g)(h).

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness	Gauge	90	120	Transcendia Test
Yield	in ² /lb.	21,000	16,400	Transcendia Test
Elasticity Modulus MD	Psi	>435,000	>435,000	ASTM D882A
Elasticity Modulus TD	Psi	>220,000	>220,000	ASTM D882A
Elongation at Break MD	%	22	22	ASTM D882A
Elongation at Break TD	%	70	70	ASTM D882A
Tensile Strength at Break MD	psi	18,000	18,000	ASTM D882A
Tensile Strength at Break TD	psi	10,000	10,000	ASTM D882A
Coefficient of Friction	Dynamic	0.25	0.25	ASTM D822A
Heat Seal Range	°F	195-390	195-390	0.5 sec/10 PSI
Water Vapor Transmission	g/100in ² /24hrs	24.0	24.0	ASTM E96E
Gloss	%	110	110	ASTM D2457
Haze	%	4.0	4.0	ASTM D1003
Heat Seal Strength	G(f)/1 in	>300	>300	275°F/0.5sec/10 PSI

*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. Transilwrap 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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