

NATUREFLEX™ NE-WHITE

DESCRIPTION:

NatureFlex NE-WHITE is a suitable film for use as a single film for packaging on vertical horizontal, twist wrap and overwrap machines. The moisture barrier properties of the film have been adapted to provide the required shelf life protection for sugar confectionery products.

CHARACTERISTICS:

- Two-side heat seal capability
- Anti-blocking and anti-static properties
- Excellent tear strength and puncture resistance
- Oil and grease resistant
- Stable in varying conditions of humidity

FDA STATUS:

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

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	Gauge	TEST METHOD
Thickness	Gauge	87	Transilwrap Test
Yield	in ² /lb.	21,000	Transilwrap Test
Tensile Strength MD	Psi	18,000	ASTM D882A
Tensile Strength TD	Psi	10,000	ASTM D882A
Elongation at Break MD	%	22	ASTM D882A
Elongation at Break TD	%	70	ASTM D882A
COF (outside to outside)	Dynamic	0.30	Transilwrap Test
Seal Range	°F	175-390	0.5sec/10PSI
Seal Strength	G(f) 1 in.	>400	275°F/0.5 sec/10PSI
Water Vapor Transmission	g/100in ² /24hrs	2.0	ASTM D2457
Oxygen Transmission Rate	Cc/100 in ² /24 hr	0.2	75°F/0% RH
Elasticity Modulus MD	Psi	>435,000	ASTM D882A
Elasticity Modulus TD	Psi	>220,000	ASTM D882A
Haze	%	6	ASTM D1003
Gloss	%	90	ASTM D2457

*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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