

# TRANSPROP™ ORN-F

## DESCRIPTION:

TransProp ORN-F is an untreated, two side heat sealable biaxially oriented polypropylene film for high speed packaging applications

## CHARACTERISTICS:

- Anti-blocking and anti-static properties
- Excellent "hot slip"
- Non-migratory slip system
- Oil and grease resistant
- Excellent tear strength and puncture resistance
- Good dead fold properties
- Stable in varying conditions of humidity

## FDA STATUS:

Manufactured with materials compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness	Gauge	80	100	-
Yield	in <sup>2</sup> /lb.	38,700	31,000	-
Coefficient of Friction	Dynamic	0.23	0.23	ASTM D1894
Tensile Strength MD	psi	26,100	26,100	ASTM D882
Tensile Strength TD	psi	43,500	43,500	ASTM D882
Elongation at Break MD	%	160	160	ASTM D882
Elongation at Break TD	%	45	45	ASTM D882
WVTR	g/100in <sup>2</sup> /24h	0.39	0.25	ASTM F 1249 100°F 90% RH
Heat Seal Range	Degrees F	221-293	221-293	-
Heat Seal Strength	N/15mm	3.2	3.2	140°C/0.35N/0.15sec
Haze	%	1.8	1.8	ASTM D1003
Gloss	u.b	89	89	ASTM D2457

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**CORPORATE HEADQUARTERS** 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

[TRANSCENDIA.COM](http://TRANSCENDIA.COM)

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