

# TRANSPET™ C1SHF1-F

## DESCRIPTION:

Transpet C1SHF1-F polyester film is chemically treated on one side for enhanced adhesion and offers an enhanced COF on the opposite side.

## CHARACTERISTICS:

- Most inks, barrier coatings, adhesives and metallization may be applied to the chemically treated side without additional priming
- Good dimensional stability and excellent chemical resistance
- High strength and flexibility
- Excellent handling characteristics

## FDA STATUS:

Manufactured with materials compliant with FDA regulations. Contact your Transcendia Sales Representative for more information.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	48	-
Yield (nominal)	in <sup>2</sup> /lb.	41,254	-
Coefficient of Friction treat side	Static	0.40	ASTM D1894
Coefficient of Friction treat side	Kinetic	0.37	ASTM D1894
Coefficient of Friction high friction side	Static	>0.6	ASTM D1894
Coefficient of Friction high friction side	Kinetic	>0.6	ASTM D1894
Tensile Strength MD	psi	32,000	ASTM D882
Tear Strength MD	g/mil	20	ASTM D1922
Ultimate Elongation MD	%	100	ASTM D882
Density	g/cm <sup>3</sup>	1.395	ASTM D1505
Haze	%	3.0	ASTM D1003
Shrinkage MD	%	2.5	30 min. at 150°C
Shrinkage TD	%	0.8	30 min. at 150°C
Surface Tension Treated Side	Dynes	~50	Water contact angle
MVTR	g/100in <sup>2</sup> 24 hrs	3.7	ASTM E96
OTR	cc/100in <sup>2</sup> 24 hrs atm	9.1	ASTM D3985

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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