

POLO TFC

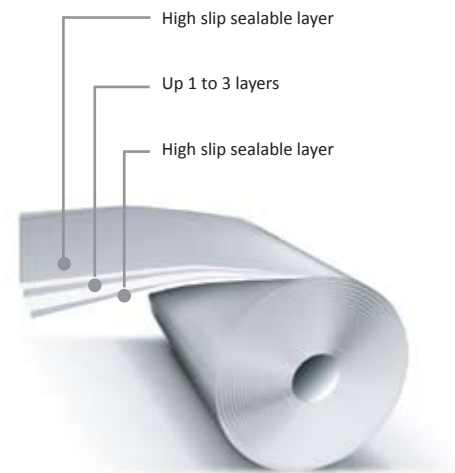
Bi-oriented polypropylene film, transparent, two sides heat sealable with high stiffness property

MAIN CHARACTERISTICS

Biaxially oriented polypropylene film, transparent, with stiffness and high slip, dimensionally stable and heat sealable in both sides, designed for high speed machines.

APPLICATIONS

Cigarette pack "soft" type overwrap, providing final product excellent presentation. Overwrap for cigarette packages and collections.



TYPICAL PROPERTIES

Characteristics	Methodology	Unit	20 TFC
Thickness	DIN 53370	gauge micron	80.0 20.0
Unit Weight	ASTM D 4321	lb/ream g/m ²	11.1 18.3
Yield	ASTM D 4321	in ² /lb m ² /kg	38900 54.8
Tensile Strength	MD TD ASTM D 882	lbf/in ² N/mm ² lbf/in ² N/mm ²	23300 160 34900 240
Elongation at break	MD TD ASTM D 882	%	160 50
Gloss(45°)	ASTM D 2457	-	95
Haze	ASTM D 1003	%	1.8
Sealing Range	Film/Film Untreated/Untreated ASTM F 88	°C	105-130
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	400
Shrinkage	MD TD ASTM D 1204	%	6 4
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.25
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	g H ₂ O/(100in ² .24hs) g H ₂ O/(m ² .day)	0.48 7.5
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	cc O ₂ /(100sq in ² .24hs) cm O ₂ /(m ² .day)	122.0 1900

SUPPLY SPECIFICATIONS

Width	0/+1 mm or 0/+ 0.04 inches from standard width
Outside diameter	- 20 mm or 0.8 inches from standard diameter + 10 mm or 0.4 inches from standard diameter
Core	Core: 153 mm or 6.0 inches / 77 mm or 3.0 inches Tolerance: ±1 mm or ± 0.04 inches
Number of splice per reel	Maximum 1
Percentage of splices per order	Maximum 30%

"The restrained information in this catalog represent typical data, and does not constitute genuine warranty liability as far as the product process and or application. For new thicknesses or application, please consult a Polo Film's specialist".



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