

POLO TMS HTS

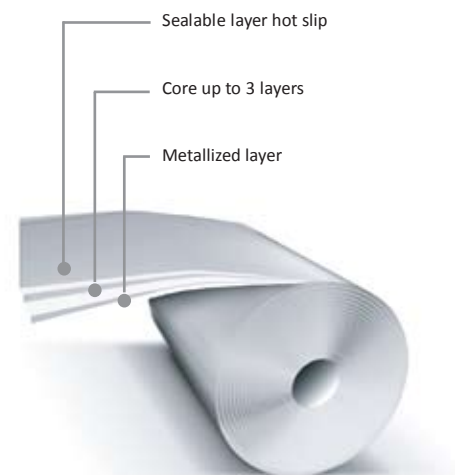
Bi-oriented metallized polypropylene film, moderate barrier and heat-sealable with hot slip property

MAIN CHARACTERISTICS

Metallized BOPP film with moderate barrier, non-treated, one side metallized and other side heat-sealable hot slip property.

APPLICATIONS

Laminate structures for flexible packaging of biscuits, snacks, confectionery, ice-cream and general decorative applications that require VFFS and HFFS machines placed under warmed environment.



Characteristics	Methodology	Unit	20 TMS HTS
Thickness	DIN 53370	gauge micron	80 20.0
Unit Weight	ASTM D 4321	lb/ream g/m ²	11.1 18.1
Yield	ASTM D 4321	in ² /lb m ² /kg	39000 55.2
Light Transmission	ASTM D 1003	%	< 1
Tensile Strength	MD TD ASTM D 882	lbf/in ² N/mm ² lbf/in ² N/mm ²	20370 140 34920 240
Elongation at break	MD TD ASTM D 882	%	170 50
Sealing Strength	Film/Film Untreated/Untreated ASTM F 88	g/in	400
Shrinkage	MD TD ASTM D 1204	%	3 1
COF	Film/Film Untreated/Untreated ASTM D 1894	-	0.26
WVTR	73F/90%RH 38°C/90%RH ASTM F 1249	gH ₂ O/(100sq in ² .24hs) gH ₂ O/(m ² .day)	0.03 0.50
OTR	73F/760 mm Hg 23°C / 1 atm ASTM D 3985	ccO ₂ /(100sq in ² .24hs) cm ³ O ₂ /(m ² .day)	6.43 100

SUPPLY SPECIFICATIONS

Width	0/+2 mm or 0/+ 0.08 inches from standard width
Outside diameter	- 30 mm or 1.18 inches from standard diameter + 20 mm or 0.8 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 2
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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