

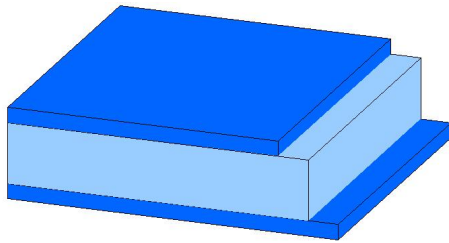





Polyfilm Polyplex Polyester Film

Type: TF (plain) 12 Micron

Polyfilm Transparent TF grade Polyester film is designed for use in printing, metallising, and coating applications. It can also be used for various industrial and cable core wrapping applications. It has excellent slip and dimensional stability over a wide range of temperatures.

Composition



-  standard surface
-  core
-  standard surface

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m ² /kg	59.6	Polyplex Method	
Unit weight	g/m ²	16.8		
Density	g/cm ³	1.4		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm ²	2200	ASTM D-882	
	TD kg/cm ²	2300		
Thermal Properties				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction static		0.50	ASTM D-1894	
Co-efficient of friction dynamic		0.38	ASTM D-1894	
Surface tension (plain side)	dyne/cm	42	ASTM D-2578	
Optical Properties				
Haze	%	2.3	ASTM D-1003	
Light transmission	%	88	ASTM D-1003	
Barrier Properties				
WVTR	gr/m ² day	40	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability	cm ³ /m ² .Day	130	ASTM D-3985-95	23 Deg. 0% RH

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
12	76	6000	325
12	76	12000	450
12	152	18000	570
12	152	24000	650
12	152	36000	785

Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

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