

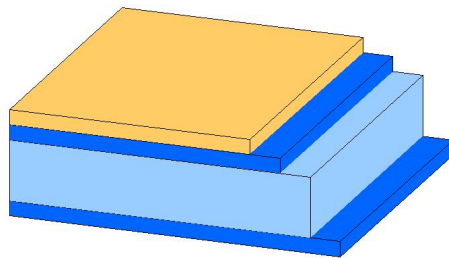


Polyfilm Polyplex Polyester Films

Type: TFC (corona treated) 50my

Polyfilm Transparent TFC grade Polyester film is designed for use in printing, metallising, lamination 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



- corona treatment
- standard surface
- core
- standard surface

Treatment

TFCO = corona treated outside TFCI = corona treated inside

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	50	Polyplex Method	
Yield	m^2/kg	14.3	Polyplex Method	
Unit weight	g/m^2	70		
Density	g/cm^3	1.4		
Elongation at break	MD %	170	ASTM D-882	
	TD %	150		
Tensile strength	MD kg/cm^2	1900	ASTM D-882	
	TD kg/cm^2	2000		

Property	Units	Nominal	Method	Conditions
Thermal Properties				
Heat shrinkage	MD	%	1.6	ASTMD-1204 150 Deg. C/30 min.
	TD	%	0.2	
Surface Properties				
Co-efficient of friction static			0.44	ASTMD-1894
Co-efficient of friction dynamic			0.34	ASTMD-1894
Surface tension (corona treated side)	dyne/cm		54	ASTM D-2578
Optical Properties				
Haze	%		4.2	ASTM D-1003
Light transmission	%		88	ASTM D-1003
Barrier Properties				
WVTR	g/m ² /Day		7	ASTM F-1249 23 Deg 90%RH
O2 Permeability	cm ³ /m ² /day		30	ASTM D-3985-95 23 Deg. 0%RH
Electrical Properties				
Break down voltage	KV		11	ASTM D-149

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
50	76	3000	460
50	152	3000	410
50	152	4500	585
50	152	6000	665

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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