

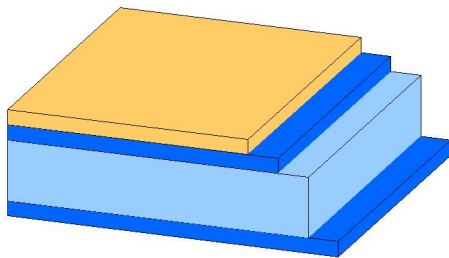


Polyfilm Polyplex Polyester Films

Type: TFC (corona treated) 23my

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	23	Polypex Method	
Yield	m^2/kg	31.1	Polypex Method	
Unit weight	g/m^2	32.2		
Density	g/cm^3	1.4		
Elongation at break	MD %	140	ASTM D-882	
	TD %	135		
Tensile strength	MD kg/cm^2	2100	ASTM D-882	
	TD kg/cm^2	2200		

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		
Surface tension (corona treated side)	dyne/cm		54	ASTM D-2578	
Optical Properties					
Haze		%	3.0	ASTM D-1003	
Light transmission		%	88	ASTM D-1003	
Barrier Properties					
WVTR	g/m ² /day		17	ASTM F-1249	23 Deg. 90%RH
O2 Permeability	cm ³ /m ² /day		70	ASTM D-3985-95	23 Deg. 0%RH
Electrical Properties					
Break down voltage		KV	6	ASTM D-149	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
23	76	6000	440
23	76	9000	540
23	152	6000	470
23	152	9000	560
23	152	12000	640

Disclaimer

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