

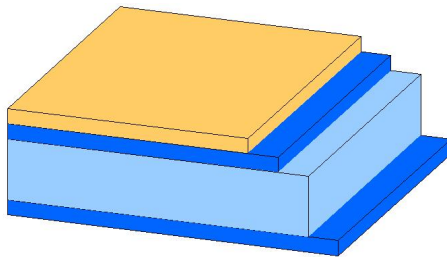






## Polyfilm Polyplex Polyester Films

### Type: TFC (corona treated) 19my

Polyfilm Transparent TFC grade Polyester film is designed for use in printing, metallising, coating and lamination processes for flexible packaging application. It has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance. 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	19	Polyplex Method	
Yield	m <sup>2</sup> /kg	37.6	Polyplex Method	
Unit weight	g/m <sup>2</sup>	26.60		
Density	g/cm <sup>3</sup>	1.4		
Elongation at break	MD %	140	ASTM D-882	
	TD %	135		
Tensile strength	MD kg/cm <sup>2</sup>	2100	ASTM D-882	
	TD kg/cm <sup>2</sup>	2200		

Property	Units		Nominal	Method	Conditions
<b>Thermal Properties</b>					
Heat shrinkage	MD	%	1.6	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.2		
<b>Surface Properties</b>					
Co-efficient of friction static			0.44	ASTM D-1894	
Co-efficient of friction dynamic			0.34	ASTM D-1894	
Surface tension (corona treated side)	dyne/cm		54	ASTM D-2578	
<b>Optical Properties</b>					
Light transmission	%		88	ASTM D-1003	
Haze	%		2.8	ASTM D-1003	
<b>Barrier Properties</b>					
WVTR	g/m <sup>2</sup> /Day		20	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability	cm <sup>3</sup> /m <sup>2</sup> /day		85	ASTM D-3985-95	23 Deg. 0% RH

## Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
19	152	8000	490
19	152	12000	585
19	152	15000	650

## 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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