

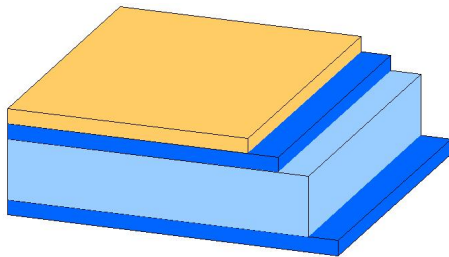






## Polyfilm Polyplex Polyester Films

### Type: TFC (corona treated) 11my

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
<b>Mechanical Properties</b>				
Nominal thickness	$\mu$	11	Polyplex Method	
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm <sup>2</sup>	2200	ASTM D-882	
	TD kg/cm <sup>2</sup>	2300		
<b>Thermal Properties</b>				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
<b>Surface Properties</b>				
Co-efficient of friction static (A/B)		0.52	ASTM D-1894	
Co-efficient of friction dynamic (A/B)		0.40	ASTM D-1894	
Surface tension (corona treated side)	dyne/cm	54	ASTM D-2578	
<b>Physical/Chemical Properties</b>				
Density	g/cm <sup>3</sup>	1.4		
<b>Optical Properties</b>				
Haze	%	2.3	ASTM D-1003	
Light transmission	%	88	ASTM D-1003	
<b>Barrier Properties</b>				
WVTR	g/m <sup>2</sup> day	40	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability	cm <sup>3</sup> /m <sup>2</sup> day	130	ASTM D-3985-95	23 Deg. 0% RH
<b>Yield Properties</b>				
Yield	m <sup>2</sup> /kg	65.20	Polyplex Method	

## Standard Roll Presentation

Thickness μ	Core mm	Length m	outside diameter mm
11	152	12000	460
11	152	18000	550
11	152	27000	660

## 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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