

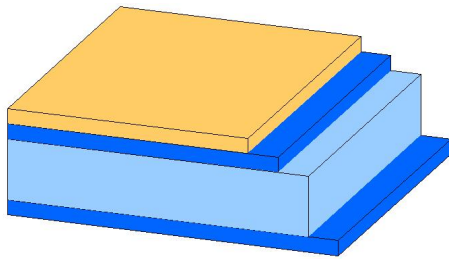


## Polyfilm Polyplex Polyester Films

### Type: TFC (corona treated) 9my

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	9.0	Polyplex Method	
Density	g/cm <sup>3</sup>	1.4		
Yield	m <sup>2</sup> /kg	79.4	Polyplex Method	
Unit weight	g/m <sup>2</sup>	12.60		
Elongation at break	MD %	125	ASTM D-882	
	TD %	120		
Tensile strength	MD kg/cm <sup>2</sup>	2000	ASTM D-882	
	TD kg/cm <sup>2</sup>	2100		

Property	Units		Nominal	Method	Conditions
<b>Thermal Properties</b>					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD	%	0.2		
<b>Surface Properties</b>					
Co-efficient of friction static			0.52	ASTM D-1894	
Co-efficient of friction dynamic			0.42	ASTM D-1894	
Surface tension (Corona treated side)	dyne/cm		54	ASTM D-2578	
<b>Optical Properties</b>					
Light transmission	%		89	ASTM D-1003	
Haze	%		2.3	ASTM D-1003	
<b>Barrier Properties</b>					
O2 Permeability	cm <sup>3</sup> /m <sup>2</sup> day		135	ASTM D-3985-95	23 Deg. 0% RH
WVTR	g/m <sup>2</sup> day		45	ASTM F-1249	37.7 Deg. 90% RH

## Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
9	76	6000	273
9	76	12000	379
9	152	15000	442
9	152	20000	503
9	152	30000	606

## Disclaimer

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