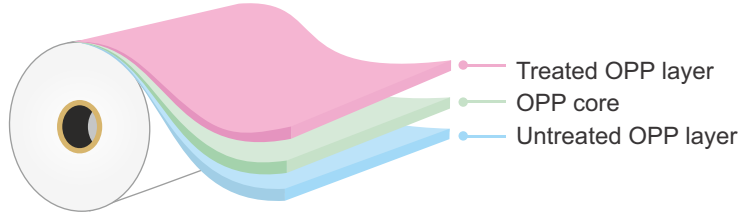


# Transparent Film (Tape-Textile Grade)

## PCT-1

### Structure



### Description

It is a co-extruded, plain, one side corona treated and other side untreated Bi-axially Oriented Polypropylene film.

### Features

- High gloss and good clarity
- Excellent machinability
- Good printability
- Back Treatment Free
- Excellent anchorage to various pressure sensitive adhesive or printing inks

### Applications

- Textile Overwrap
- Pressure Sensitive Tapes

### Typical Values

Properties	Ref.	Units	ASTM#/Test Method	PCT-1							
<b>Physical Data</b>											
Average Thickness		micron	D-374-C	35	36	37	38	40	42	48	51
		gauge		140	144	148	152	160	168	192	204
		mils		1.4	1.4	1.4	1.5	1.6	1.6	1.9	2.0
Thickness Variation		%(±)		3							
Density		g/cc		0.905							
Average Substance		g/m <sup>2</sup>		31.68	32.58	33.49	34.39	36.20	38.01	43.44	46.16
Wettability (min)		dynes/cm	D-2578	38							
Kinetic COF	UT/UT		D-1894	0.35 - 0.45							
Yield		m <sup>2</sup> /kg	D-4321	31.57	30.69	29.86	29.08	27.62	26.31	23.02	21.67
<b>Optical Data</b>											
Gloss (45 °)		gardner	D-2457	93 - 97							
Haze		%	D-1003	1.0 - 2.0							
<b>Mechanical Data</b>											
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	1200 - 1600							
	TD			2500 - 3000							
Elongation	MD	%	D-882	130 - 180							
	TD			30 - 80							
<b>Thermal Data</b>											
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2.0 - 4.0							
	TD			1.0 - 3.0							

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

**Disclaimer :** The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.