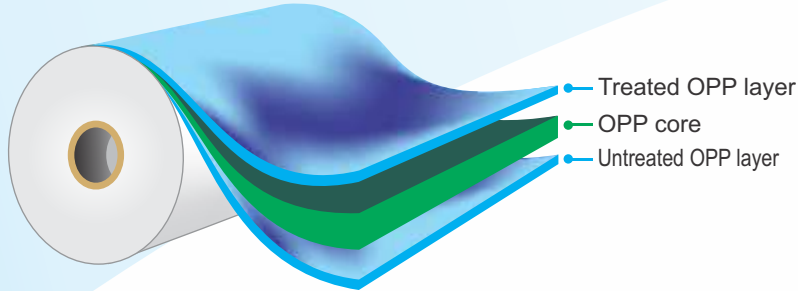


# High Clarity Film (Tape-Textile Grade)

## PCT-1 (HCL)

### 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	Asm # / Test Method	PCT-1 (HCL)										
<b>Physical Data</b>														
Average Thickness		micron	D-374-C	23	24	25	29	30	35	37	38	40		
		gauge		90.55	94.49	98.42	114.17	118.11	137.79	145.67	149.6	157.48		
		mils		0.91	0.94	0.98	1.14	1.18	1.37	1.45	1.49	1.57		
Thickness Variation		% (±)		3										
Density		g/cc		0.905										
Average Substance		g/m <sup>2</sup>		20.82	21.72	22.63	26.25	27.15	31.68	33.49	34.39	36.2		
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	48.04	46.04	44.20	38.10	36.83	31.57	29.86	29.08	27.62		
<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.