

# CT-PE-12-1

## BIAXIALLY ORIENTED POLYESTER FILM

### FEATURES:

- ◆ Strong and flexible
- ◆ High clarity and gloss
- ◆ Chemical, moisture and UV resistant
- ◆ High surface tension, excellent for lamination

### TYPICAL APPLICATION:

- ◆ Custom slit product: Flexible duct production for permanent and temporary ventilation and air conditioning.



PROPERTIES	Value (Metric)	Value (English)	Test method
Construction	BOPET film	BOPET film	
Nominal thickness	12 micron	48 gauge	ASTM-D374
Tensile strength MD	≥ 200 Mpa	29*10 <sup>3</sup> lbs/inch <sup>2</sup>	ASTM-D882
Tensile strength TD	≥ 200 Mpa	29*10 <sup>3</sup> lbs/inch <sup>2</sup>	ASTM-D882
Elongation at break MD	≥ 140 %	≥ 140 %	ASTM-D882
Elongation at break TD	≥ 130 %	≥ 130 %	ASTM-D882
Haze	3.0 %	3.0 %	ASTM-D1003
Coefficient of friction	0.3	0.3	ASTM-D1894
Surface tension (with corona treatment)	≥ 50 dyne/cm	≥ 0.0046 oz/inch	ASTM-D2587
Surface tension (without corona treatment)	≥ 38 dyne/cm	≥ 0.0035 oz/inch	ASTM-D2587
Heat shrinkage MD	≤ 2.5%	≤ 2.5%	ASTM-D1204
Heat shrinkage TD	≤ 1%	≤ 1%	ASTM-D1204
Roll width (by customer's specification)	40-100mm	1.57" - 4"	
Roll length (standard, customized length is available)	12000 m	13126 yards	
Inner core	76mm	3"	

### Remarks:

1. The data above are typical and represent the best information available to us. They should not, however, be construed as controlling and are presented without any guarantee either expressed or implied.
2. We suggest purchasers to determine final suitability for their specific end uses. The user should make tests and do trial-application of the products before application to ensure suitability for the user's special purpose and technique.
3. No statement with respect to use is intended as a positive recommendation for such use.
4. The product should be stored at room temperature and kept away from sources of heat, moisture, chemicals and out of direct sunlight.  
Storage: 20 +/-5 °C (59-77°F) and relative humidity and 50 +/-10%.



CT TAPE

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