



## LAMINATION-BASED COATING FILM

Monolayer or co-extruded polyethylene (PE) films are used by various manufacturers in the packaging of their products, ranging from food to toiletries, as either the sealant or printing layer.

Using state-of-the-art equipment, BPPLAS produces high quality PE films for coating.



### Features:

- Even and excellent thickness profile.
- Consistent and traceable corona treatment level.
- Customize COF level and material selection to meet extreme requirements.
- Good optical and scratches-less film.
- Customize color on film is available (minimum order quantity apply)
- Materials are ROSH compliance.

### Benefits:

- Offer saving as most economic components in sealant layer.
- Provide excellence seal through strength to ensure good package.
- Able to meet high packing speed.
- Easy for printing.

[www.bpplas.com](http://www.bpplas.com)



## LAMINATION-BASED COATING FILM

Technical Data Sheet

Available in various dimensions,  
Thickness : 0.02 - 0.12mm  
Width : 250mm - 1600mm

PROPERTY	UNIT	PRODUCT THICKNESS						TESTING METHOD	
		20	30	50	70	90	120		
1. Thickness	Average % 2sigma	%	+/- 5 +/- 15	+/- 5 +/- 15	+/- 5 +/- 15	+/- 5 +/- 15	+/- 5 +/- 15	+/- 5 +/- 15	BPTM
2. Width		mm	+ 10 - 5	+ 10 - 5	+ 10 - 5	+ 10 - 5	+ 10 - 5	+ 10 - 5	BPTM
3. Density		kg/m <sup>3</sup>	920	920	920	920	920	920	ASTM D 792
4. Tensile @ break	MD TD	MPa	> 29 > 21	> 28 > 22	> 27 > 23	> 27 > 23	> 26 > 24	> 26 > 25	ASTM D 882 (JIS Z - 1702)
5. Elongation @ break	MD TD	%	> 450 > 600	> 500 > 650	> 550 > 650	> 550 > 700	> 600 > 750	> 650 > 800	ASTM D 882 (JIS Z - 1702)
6. Dart Drop Impact		g	> 50	> 80	> 120	> 170	> 220	> 300	ASTM D 1709
7. C.O.F	Medium Slip Non Slip	g/g	0.2~0.3 >0.40	0.2~0.3 >0.40	0.2~0.3 >0.40	0.2~0.3 >0.40	0.2~0.3 >0.40	0.2~0.3 >0.40	ASTM D 1894
8. Treatment Level	Min Max	dynes	40 44	40 44	40 44	40 44	40 44	40 44	BPTM

**MD = Machine direction**  
**TD = Transverse direction**  
**C.O.F = Coefficient of friction**

### FDA compliance

The film is made from materials that meet the requirement of FDA regulations 21 CFR 177.1520

*Values shown are typical and not to be considered as specifications.*

*Different thickness, width, shrinkage, COF of film are available. Please consult the Sales & Marketing Department for special order, sizes or applications.*



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