



PE COLLATION SHRINK FILM

Low-density polyethylene (LDPE) collation shrinkable film has replaced boxes as the preferred packaging for a variety of items ranging from plastic bottles to canned beverage.

BPPLAS produces excellent shrinkable films through a careful process of extrusion and quality control using the latest technology.



Features:

- Uniform roll dimension and excellent thickness profile.
- Customize shrinkage and COF level for various machine speed and shrink process at low temperature.
- Superior optics and unwind tension control.
- Materials are ROHS and FDA compliance.

Benefits:

- Offer saving on electricity costs with low shrink temperature.
- Provide stability during storage and transportation.
- Protect package from dirt and moisture.
- Perfect loads security.

www.bpplas.com

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Technical Data Sheet



Available in various dimensions.

Thickness : 0.03 - 0.15mm

Width : 200mm - 2500mm

PROPERTY	UNIT	PRODUCT THICKNESS						TESTING METHOD	
		30	50	80	100	120	150		
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. Tensile @ break	MD TD	MPa	> 20 > 14	> 20 > 16	> 20 > 18	> 20 > 20	> 20 > 22	> 20 > 24	ASTM D 882 (JIS Z - 1702)
4. Elongation @ break	MD TD	%	> 200 > 400	> 250 > 450	> 300 > 500	> 350 > 550	> 400 > 600	> 450 > 650	ASTM D 882 (JIS Z - 1702)
5. Dart Drop Impact		g	> 35	> 60	> 100	> 140	> 170	> 200	ASTM D 1709
6. C.O.F	Low Slip Medium Slip Non Slip	g/g	0.3~0.4 0.2~0.3 >0.40	0.3~0.4 0.2~0.3 >0.40	0.3~0.4 0.2~0.3 >0.40	0.3~0.4 0.2~0.3 >0.40	0.3~0.4 0.2~0.3 >0.40	0.3~0.4 0.2~0.3 >0.40	ASTM D 1894
7. Shrinkage	MD TD	%	60-80 < 30	60-80 < 30	60-80 < 30	60-80 < 30	50-70 < 30	50-70 < 30	BPTM

MD = Machine direction

TD = Transverse direction

C.O.F = Coefficient of friction

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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