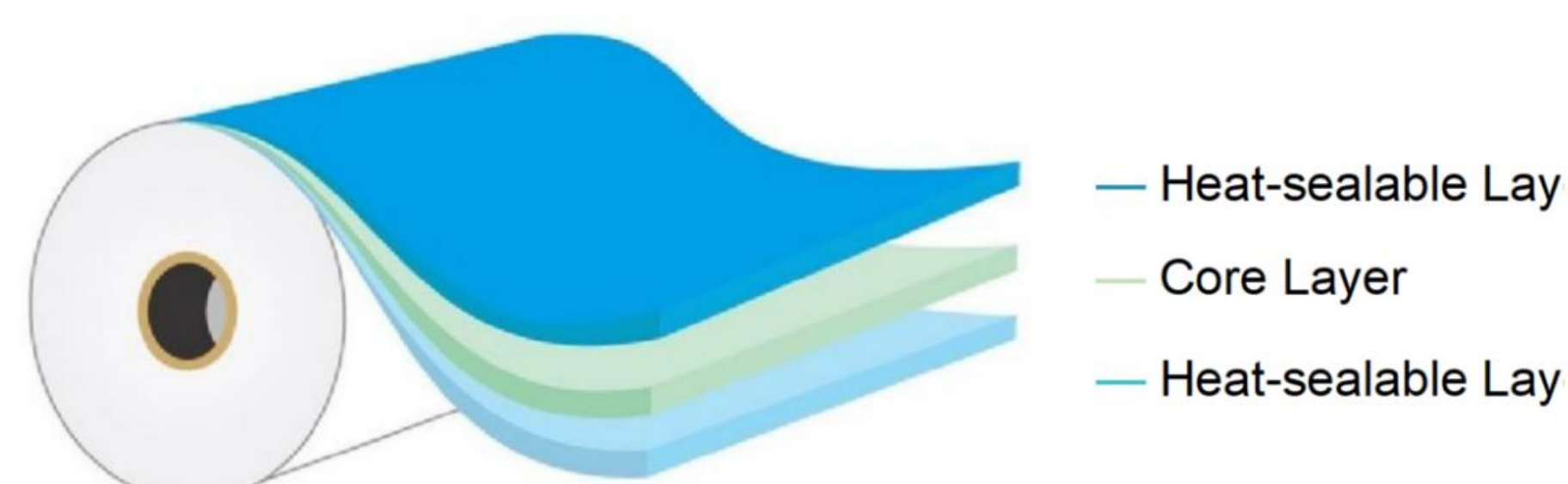


Double-sided Heat-sealable Film

11H

Technical Data

Structure



Description

Transparent film, double-side heat-sealable with heat seal initiation temperature $\geq 115^{\circ}\text{C}$; higher seal strength on the outer base film side; high surface wetting tension; inner-side corona treated.

Application

Designed for simple surface printing on cubic or pillow-type packages, this film offers excellent print adhesion and compatibility with VFFS and HFFS packaging equipment, ensuring efficient production and clear graphics.

Properties	Ref.	Units	ASTM #/ Test Method	11H					
Physical Data									
Average Thickness		micron	D-374-C	15	20	25	30	35	40
		gauge		59	79	98	118	138	157
		mils		0.6	0.8	1.0	1.2	1.4	1.6
Thickness Variation		%(\pm)		3					
Density		g/cc		0.910					
Average Substance		g/m		13.6	18.1	22.6	27.2	31.7	36.2
Surface tension(min)		dynes/cm	D-2578	≥ 38					
Kinetic COF	UT-UT		D-1894	0.40-0.60					
Yield		m ² /Kg	D-4321	73.7	55.2	44.2	36.8	31.6	27.6
		in ² /lb	D-4321	51792	38844	31075	25896	22196	19422
Optical Data									
Gloss(45)		gardner	D-2457	≥ 90					
Haze		%	D-1003	≤ 3.0					
Mechanical Data									
Tensile Strength	MD	kg/cm	D-882	120-160					
	TD			230-300					
Elongation at break	MD	%	D-882	150-200					
	TD			45-65					
Thermal Data									
Shrinkage (120°C/248F,5 min.)	MD	%	D-1204	2.0-4.0					
	TD			1.0-2.5					
Seal Initiation Temp	UT	°C/F	CTM	115-130					
SIT Variation(\pm)		°C/F	CTM	5					
Heat Seal Strength	UT	g/15mm	CTM	≥ 255					
HotTack Strength		g/15mm	@125°C	330				350	
			@257°F						
Barrier Data									
MVTR(38°C,90%RH)		g/(m ² ·day)	F-1249	5.5-9.0		3.5-6.0		2.5-4.5	
MVTR(10B,90%RH)		g/100i/day		0.35-0.58		0.23-0.39		0.16-0.29	

The values given in the above table are typical performance data for reference only.
If you have special requirements for product performance indexes, please communicate with business manager.

FOROP Advanced Materials Co., Ltd.

Address: No.166 Fuju Road, Yinxi Street, Fuqing City, Fuzhou City, Fujian Province, China
Email: sales@sino-forop.com | <https://sales.forop.com>

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