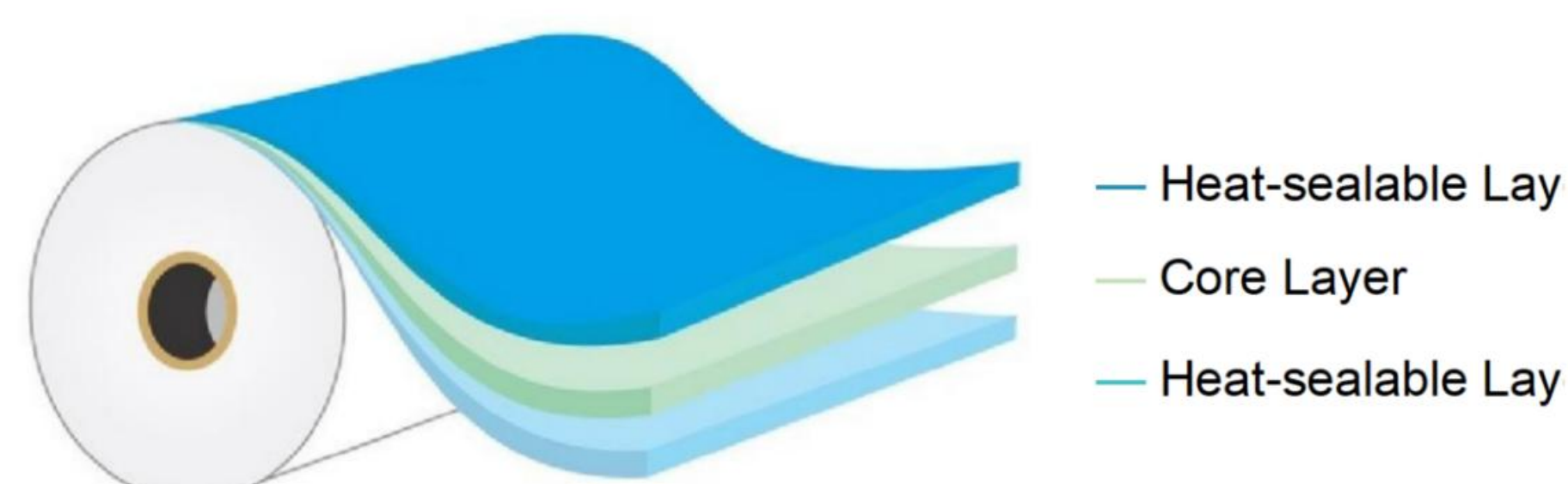


Double-sided Heat-sealable Film

11H 15 μ m

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 $^{\circ}\text{C}$ /248F,5 min.)	MD	%	D-1204	2.0-4.0					
	TD			1.0-2.5					
Seal Initiation Temp	UT	$^{\circ}\text{C}/\text{F}$	CTM	115-130					
SIT Variation(\pm)		$^{\circ}\text{C}/\text{F}$	CTM	5					
Heat Seal Strength	UT	g/15mm	CTM	≥ 255					
HotTack Strength		g/15mm	@125 $^{\circ}\text{C}$	330					350
			@257 $^{\circ}\text{F}$						
Barrier Data									
MVTR(38 $^{\circ}\text{C}$,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.

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