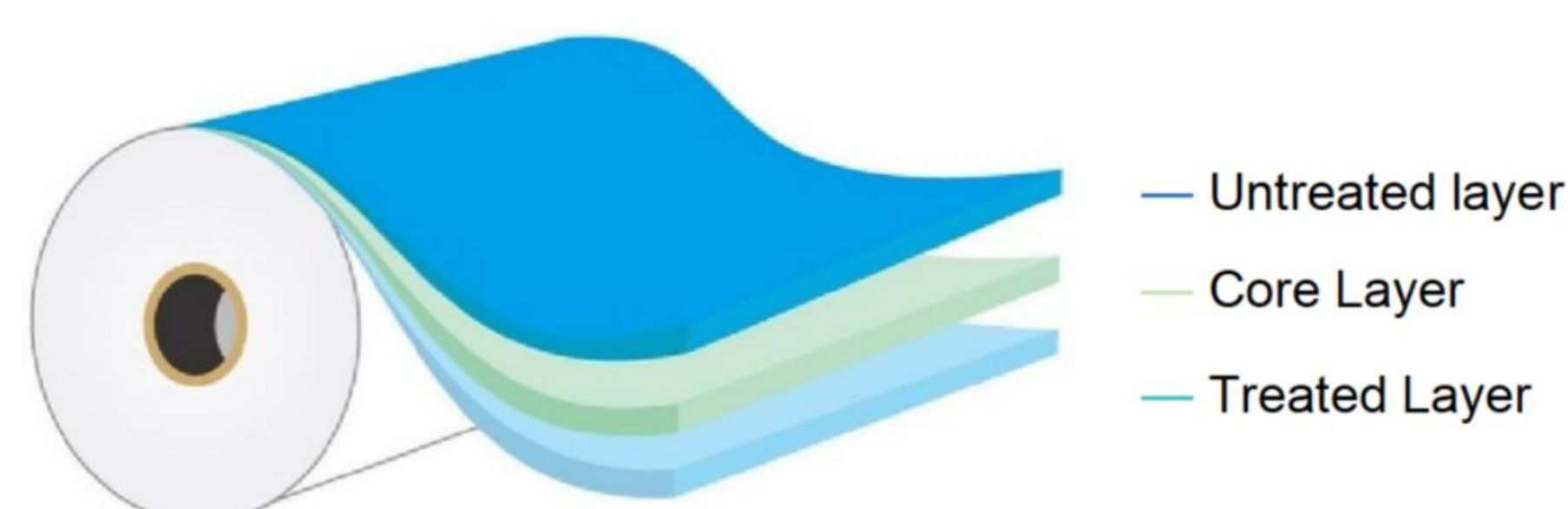


High-transparency Tape Film

11C 28μm

Technical Data

Structure



Description

High transparency tape base film with low crystal point defects, engineered for superior clarity and performance in adhesive tape applications.

Application

Base film designed for high-transparency adhesive tape applications, offering excellent clarity and consistent performance.

Properties	Ref.	Units	ASTM #/ Test Method	11C			
Physical Data							
Average Thickness		micron	D-374-C	23	25	28	40
		gauge		90	98	110	157
		mils		0.9	1.0	1.1	1.6
Thickness Variation		%(±)		3			
Density		g/cc		0.905			
Average Substance		g/m		20.8	22.6	25.3	36.2
Surface tension(min)		dynes/cm	D-2578	≥38			
Kinetic COF	UT-UT		D-1894	0.20-0.60			
Yield		m ² /Kg	D-4321	48.0	44.2	39.5	27.6
		in ² /lb	D-4321	33777	31075	27745	19422
Optical Data							
Gloss(45)		gardner	D-2457	≥95		≥90	
Haze		%	D-1003	≤0.4		≤0.6	
Mechanical Data							
Tensile Strength	MD	kg/cm	D-882	150-180			
	TD			250-330			
Elongation at break	MD	%	D-882	150-180			
	TD			30-60			
Thermal Data							
Shrinkage (120°C/248F,5 min.)	MD	%	D-1204	2.0-4.0			
	TD			1.0-2.0			
HotTack Strength		g/15mm	@125°C @257°F	330			
Barrier Data							
MVTR(38°C,90%RH)		g/(m ² ·day)	F-1249	2.5~4.0	2.7~3.6	1.5~2.6	
MVTR(10B,90%RH)		g/100i/day		0.16~0.26	0.17~0.2	0.10~0.17	

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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