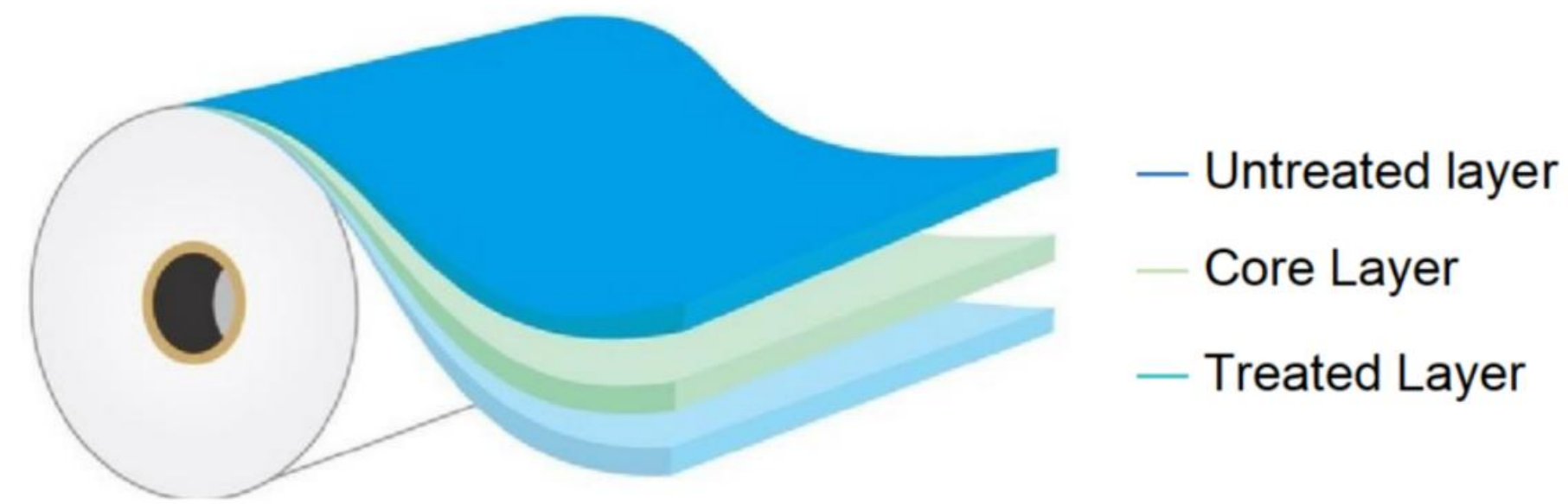


Transparent Tape Film

11T 24μm

Technical Data

Structure



Description

Transparent film with high coefficient of friction, featuring inner-side corona treatment to enhance surface energy and adhesion for improved printability and lamination.

Application

Widely used as a base film for adhesive tapes, offering excellent dimensional stability, surface treatment, and compatibility with various adhesive systems.

Properties	Ref.	Units	ASTM #/ Test Method	11T										
Physical Data														
Average Thickness		micron	D-374-C	18	20	23	24	25	28	29	30	40	45	50
		gauge		71	79	90	94	98	110	114	118	157	177	197
		mils		0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.6	1.8	2.0
Thickness Variation		%(±)		3										
Density		g/cc		0.910										
Average Substance		g/m		16.3	18.1	20.8	21.7	22.6	25.3	26.2	27.2	36.2	40.7	45.3
Surface tension(min)		dynes/cm	D-2578	≥38										
Kinetic COF	UT-UT		D-1894	0.4-0.6										
Yield		m ² /Kg	D-4321	61.4	55.2	48.0	46.0	44.2	39.5	38.1	36.8	27.6	24.6	22.1
		in ² /lb	D-4321	43160	38844	33777	32370	31075	27745	26789	25896	19422	17264	15537
Optical Data														
Gloss(45)		gardner	D-2457	≥95										
Haze		%	D-1003	≤2.0										
Mechanical Data														
Tensile Strength	MD	kg/cm	D-882	120-160										
	TD			250-350										
Elongation at break	MD	%	D-882	150-170										
	TD			50-65										
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			350			380				
Barrier Data														
MVTR(38°C,90%RH)		g/(m ² ·day)	F-1249	4.0~5.4			3.0~4.3			2.5~4.0			1.2~3.5	
MVTR(10B,90%RH)		g/100i/day		0.26~0.35			0.19~0.26			0.16~0.26			0.08~0.23	

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>

Update date:08/25