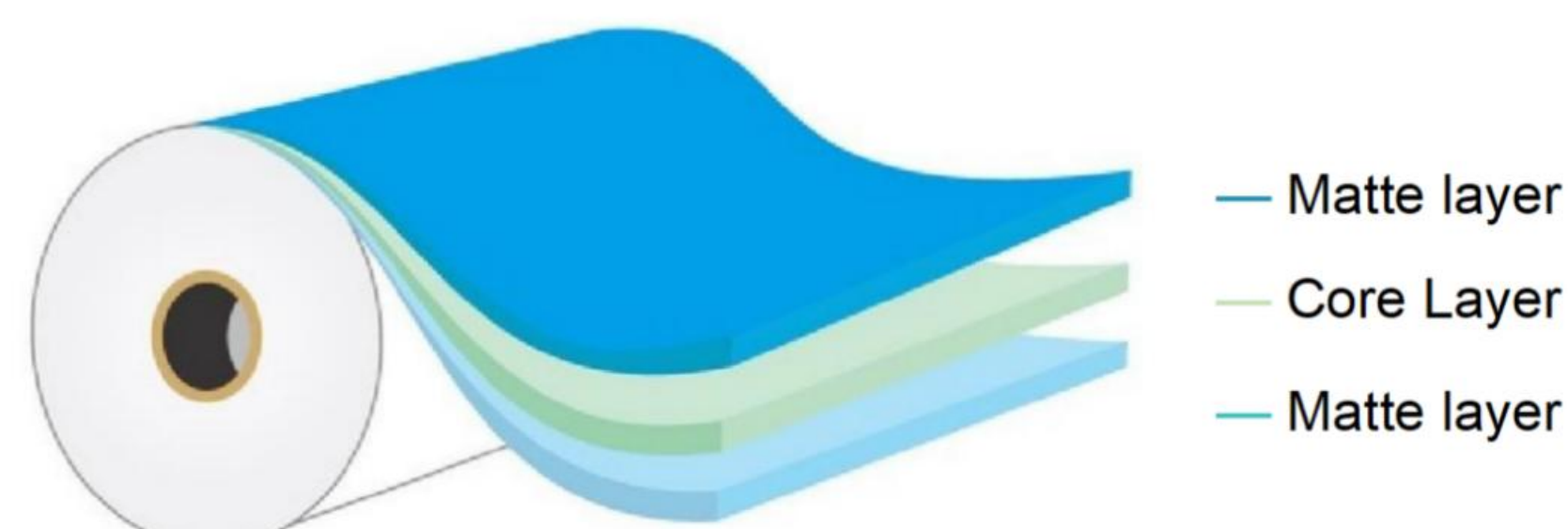


Matte Flower Packaging Film

11D 25 μ m

Structure



Description

Double-side matte film with high haze and inner side corona treated for enhanced surface energy and adhesion.

Application

Used for printing and packaging fresh flower bouquets, supporting high-demand shallow screen printing (such as portraits) and composite applications.

Technical Data

Properties	Ref.	Units	ASTM #/ Test Method	11D					
Physical Data									
Average Thickness		micron	D-374-C	15	20	25	30	40	50
		gauge		59	79	98	118	157	197
		mils		0.6	0.8	1.0	1.2	1.6	2.0
Thickness Variation		%(\pm)		3					
Density		g/cc		0.840					
Average Substance		g/m		13.6	18.1	22.6	27.2	36.2	45.3
Surface tension(min)		dynes/cm	D-2578	≥ 38					
Kinetic COF	UT-UT		D-1894	0.25-0.35					
Yield		m ² /Kg	D-4321	73.7	55.2	44.2	36.8	27.6	22.1
		in ² /lb	D-4321	51792	38844	31075	25896	19422	15537
Optical Data									
Gloss(45)		gardner	D-2457	≤ 10					
Haze		%	D-1003	≥ 85					
Mechanical Data									
Tensile Strength	MD	kg/cm	D-882	110-150					
	TD			210-300					
Elongation at break	MD	%	D-882	140-180					
	TD			50-65					
Thermal Data									
Shrinkage (120°C/248F,5 min.)	MD	%	D-1204	2.0-4.0					
	TD			1.0-2.0					
Seal Initiation Temp	UT	°C/F	CTM	≥ 130					
SIT Variation(\pm)		°C/F	CTM	> 5					
Heat Seal Strength	UT	g/15mm	CTM	> 205					
HotTack Strength		g/15mm	@125°C	330				350	
			@257°F						
Barrier Data									
MVTR(38°C,90%RH)		g/(m ² ·day)	F-1249	5.0~8.0	3.0~4.8	1.6~3.1			
MVTR(10B,90%RH)		g/100i/day		0.32~0.51	0.19~0.31	0.10~0.20			

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