

Fouley TPU Release Film Series is specially designed for TPU processing. It offers a smooth, fine surface with clean, easy release and no material damage. Featuring stable construction, it is compatible with lamination, coating and die-cutting processes, effectively enhancing production stability and yield. Widely used in TPU manufacturing, it provides reliable performance and easy operation, making it a high-performance professional release material.

Properties:

LMN Series

Single matte & single glossy, white opaque
Density: 0.60–0.70 g/cm³
Double-sided non-corona treated
Standard thicknesses: 67μm, 119μm

LMM Series

Double-sided matte, white opaque
Density: 0.60–0.70 g/cm³
Double-sided non-corona treated
Standard thicknesses: 72μm, 119μm

Typical values:

Testing items		Unit	Testing Method	Requirement
Thickness		μm	GB/T 6672-2001	67-119 65-117(Maer contro)
Density		g/cm ³	GB/T 6343-2009/ISO 845:2006	0.60-0.70
Tensile strength	MD≥	Mpa	GB/T 1040.3-2006/ISO 527-3:1995	40
	TD≥	Mpa		95
Elongation at break	MD≤	%		165
	TD≤	%		30
Heatshrinkage 120°C/2min	MD≤	%	BB/T 0002-2008	2.5
	TD≤	%		1.5
Gloss 60° ∠	Glossy ≥	%	GB 8807-88	90
	Matte ≤	%		7
Whiteness (10 layers)	≥(Glossy)	%	/	88(-3+2)
	≥(Matte)	%		92±2
Haze	≥	%	GB/T 2410-2008	95
Light transmittance	≤	%		18
Bottom corona surface tension	≥	Dyn/cm	GB/T 14216-2008/ISO 8296:2003	N/A
Top corona surface tension	≥	Dyn/cm		N/A

Free from bubbles, fisheyes, impurities, scratches, oil stains, streaking, wrinkles, ridging, holes, uneven stretching, burrs, star-shaped end faces, color differences, longitudinal lines, bunching, and streaks.

Application:

Suitable for TPU coating, laminating, die-cutting and other processes, with smooth release and no material damage.

Used in the production of TPU products for apparel, footwear, luggage and outdoor goods.

Applied in automotive interiors, medical protection, electronic components and related fields.

Stable structure improves production efficiency and finished product yield.

An efficient and reliable professional release material for the TPU processing industry.

