

LOFEX[®]

A41LL Industrial Polyester Film

Product Description

LOFEX[®] A41LL is clear polyester film which is both-sides urethane treated for enhanced adhesion to UV curing inks. It is designed to be used for release, graphic with excellent mechanical properties and thermal stability. Also, it is possible to control film thickness according to customer needs.

Application

Industrial Use (Release, Graphic, etc.)

Typical Properties

	Properties	Unit	Value				Test Method
General	Thickness	μm	50	75	100	175	LOTTE CHEMICAL method
	Tensile Strength (MD/TD)	kgf/mm ²	22 / 25	21 / 24	20 / 23	18 / 20	
Mechanical	Elongation (MD/TD)	%	170 / 110	170 / 110	170 / 110	180 / 120	ASTM D882
	F5 (MD/TD)	kgf/mm ²	11.5 / 11.5	11.5 / 11.5	11.5 / 11.5	11.0 / 11.0	
Optical	Light Transmission	%	88	88	88	88	ASTM D1003
	Haze	%	2.0	2.5	3.4	7.0	
	Gloss(60°)	%	160	160	160	160	
Thermal	Heat Shrinkage 150 °C×30Min (MD/TD)	%	1.0 / 0.1	1.0 / 0.1	1.0 / 0.1	1.0 / 0.1	LOTTE CHEMICAL method
Surface treatment		Both sides(Urethane)					

*This properties are typical values of products and do not guarantee for products.