

# LOFEX<sup>®</sup>

## A31LL Industrial Polyester Film

### Product Description

LOFEX<sup>®</sup> A31LL 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, protection film with excellent mechanical properties and thermal stability. Also, it is possible to control film thickness according to customer needs.

### Application

Industrial Use (Release, Protection Film, etc.)

### Typical Properties

	Properties	Unit	Value			Test Method
General	Thickness	μm	50	75	100	LOTTE CHEMICAL method
	Tensile Strength (MD/TD)	kgf/mm <sup>2</sup>	22 / 25	21 / 24	20 / 24	
Mechanical	Elongation (MD/TD)	%	170 / 110	180 / 120	180 / 120	ASTM D882
	F5 (MD/TD)	kgf/mm <sup>2</sup>	11.5 / 11.5	11.5 / 11.5	11.5 / 11.5	
Optical	Light Transmission	%	89	89	89	ASTM D1003
	Haze	%	1.1	1.2	1.3	
	Gloss(60°)	%	170	170	170	
Thermal	Heat Shrinkage 150°C×30Min (MD/TD)	%	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.