

WindowTac™

PWD
23μ

Product Description

WindowTac™ is a 23μ (0.9 mil) visually clear polyester coated on one side with a pressure sensitive, removable aqueous adhesive, which is protected by a micro-grooved polyethylene release liner that imparts an embossed pattern onto the adhesive coating. The other side of the polyester is coated with a pressure sensitive, permanent aggressive aqueous adhesive which is protected by a bleached Kraft release paper coated on both sides with polyethylene and siliconised on the release side. The film contains UV stabilisers, which protect against both UV degradation and potential mechanical damage.

Applications

WindowTac™ is recommended for the face mounting of graphics onto windows at location. The micro-grooves that are imparted into the removable adhesive allow for easy air evacuation for applications onto glass, acrylic and other non-porous surfaces. The removable adhesive can be re-positioned up to 10 times, and can be cleanly removed within 12 months after application. It can also be used for backlit displays. Because WindowTac™ is not directly printable, it can be used with all common print technologies (Solvent, Eco-Solvent, Latex and UV) as well as allowing inkjet prints to be used as window graphics.

Product Structure

Release Liner:	2 side PE coated, 1 side siliconised Kraft Paper
Adhesive Layer:	Permanent Aqueous Acrylic (pressure sensitive)
Film:	Visually clear polyester
Adhesive:	Removable Aqueous Acrylic (pressure sensitive)
Release Liner:	Embossed polyethylene

62μ
(2.5 mil)

General Properties

Film Thickness	23μ (0.9 mil)
Adhesive Layer	25μ (1 mil) - permanent 14μ (0.6 mil) - removable
Ratio Film to Adhesive	0.9:1 - permanent 1.5:1 - removable
UV Protection Factor	Film contains UV stabilisers, which prevent film degradation and provides UV protection to underlying image.
Outdoor Durability	Not Applicable
Heat Resistance Range	70°C to 95°C (158°F to 203°F)
Peel Strength (20 min, FTM1)	22 N/25mm (permanent - glass) 3 N/25mm (removable - glass)

Process Settings

Roller Laminator	Vacuum Press
Temp: Room temp to 49°C (120°F) Speed: 0.3m to 2.5m (1ft to 8ft) per minute	NOT RECOMMENDED

Specifications subject to change without notice.

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