

## Technical Datasheet - Printed Frosted Window Graphics

### Frosted Window Vinyl

Face film: Polymeric calendered PVC

Thickness: 70 micron nominal (0.07mm)

Tensile strength: 47N/25mm MD / 43N/25mm TD

Elongation at break: 180% MD nominal

Shrinkage: -0.5% MD max / -0.2% TD max

Adhesive type: Permanent pressure sensitive acrylic

Adhesive weight: 22gsm nominal

Adhesion to glass 20 mins: 15N/25mm nominal

Adhesion to glass 24 hours: 20N/25mm nominal

Perceived tack: Medium

Shear strength: Medium to high

Application temperature: +5°C to +60°C

Service temperature: -30°C to +110°C

Light transmission: 56%

Backing paper gauge: 145 mym nominal

Backing paper weight: 140gsm nominal

Shelf life: 1 year

Fire rating: Class B. Classification compliant with BS EN 13501-1:2007

External weathering: 7 years in vertical exposure under Northern European conditions

Chemical Resistance: Resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali for example diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds etc.