

Product Information

Neoprint NL50 Transparent Gloss Overlaminates is a 85µ transparent, high gloss calendered PVC film for protecting digitally printed images.

It has highly UV resistant PVC and adhesive which provide protection from damaging UV rays, scratches and abrasion.

Neoprint NL50 offers excellent print performance with enhanced color and image brightness. NL50 is ideal for indoor and outdoor protection of large format digital images with enhanced the water resistance qualities.

PE “layflat” release liner ensures ease of use in all application situations.

Recommendations for Laminating

Please ensure the print is perfectly dry before laminating. It is recommended to allow printed material to dry for at least 48 hours after printing, prior to laminating.

Applications

Suitable for all medium to long term, indoor and outdoor general purpose overlaminating applications on curved or flat surfaces.

Excellent film to work with and handle – Easy to web up.

Recommended Overlaminates for:
Neoprint NP5000 Series Digital Vinyl

Technical Data

Construction:	Polymeric PVC
Thickness:	85µ
Adhesive:	permanent ultra-clear pressure sensitive with UV absorbers solvent based acrylic
Liner:	two-sided PE-coated paper
Laminating:	Cold or heat assist
Service temperature:	-25°C to 82°C
Application temperature:	≥10°C (18 to 25°C optimum)
Durability:	5 years
Shelf Life:	1 Year when stored in original packaging between 20°C and 25°C at 50% relative humidity.

Standard Dimensions

1370mm X 45.7M

TEST AGENT	TEST RESULT	TEST METHOD
Peel Adhesion (24 hours)	≥ 1,200g/in	180 peeling PSTC-1
Tensile strength	≥ 1.8kg/cm	ASTM 882
Elongation	≥ 100%	ASTM 882
Dimensional stability (80°C oven, 24hr, average)	max 0.5mm	length direction
Opacity	Tt >85	haze meter (Tt: transmission)
Gloss	60↑	@60, in machine direction