

NEOREX™

PVC Decorative Film

Technical Data Sheet for Furniture & Interior Applications



Product Overview

NEOREX is a PVC decorative film engineered for furniture and interior surface applications. It is designed for membrane pressing, wrapping, flat lamination and edge banding, providing formability, durability and design flexibility for a wide range of decorative components.

Processability Membrane pressing, wrapping, flat lamination and edge banding.	Design Flexibility Wide range of woodgrain, solid and decorative surface designs.	Formability Suitable for three-dimensional furniture door applications.	Options Chemical-resistant and scratch-resistant options available.
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Recommended Applications

Kitchen cabinets | Furniture components | Interior doors | Bathroom furniture | Wall panels | Shop counters | Commercial interiors

Specifications & Application Guide

Application / Process	Recommended Thickness	Typical Use
Wrapping	0.15 - 0.20 mm	Profiles, frames, interior components
Flat Lamination	0.15 - 0.20 mm	Flat furniture and panel surfaces
Membrane Pressing	0.30 - 0.35 mm	3D furniture doors and shaped components
Edge Banding	0.45 - 1.00 mm	Furniture edges and matching components

Available Width

Up to 1420 mm

Base Material

PVC decorative film

Design Range

Woodgrain, solid, marble and custom developments

Surface Options

Texture, chemical-resistant and scratch-resistant options

Representative Woodgrain Samples



Technical Performance

The following values summarize reference technical data for product evaluation.

Property	Test Method	Membrane Pressing	Wrapping
Specific Gravity	ASTM D792	1.35	1.30
Tensile Strength	ASTM D638	360 kgf/cm2 (MD)	200 kgf/cm2 (MD)
Elongation	ASTM D638 / Heat Test	200%	300%
Tear Strength	ASTM D1004	80 kgf/cm2 (MD/TD)	80 kgf/cm2 (MD/TD)
Dimensional Stability	80C x 30 min	MD 3% / TD 1%	MD 3% / TD 1%
Vicat Softening Temp.	ASTM D1526	70C	70C
Charpy Impact Strength	ASTM D2563	6.5 kgf/cm2	6.5 kgf/cm2
Hardness	ASTM D2240	Shore D 82	-

Notes

The above values are measured data and should not be interpreted as guaranteed specifications. Actual performance may vary depending on product structure, processing conditions and end-use applications.

Why NEOREX

Reliable Core Product

Primary PVC film platform for furniture and interior surface applications.

Process Versatility

Applicable across multiple production methods.

Design Availability

Broad design and texture library support.

Application Support

Suitable for development and sample evaluation with customers.