

HiGX™

Premium High Gloss Decorative Film

Luxury Surface Solutions for Modern Furniture & Interior Applications



Product Overview

HiGX is a premium decorative film designed to deliver exceptional gloss, visual depth and luxurious surface aesthetics for modern furniture and interior applications. Available in PVC or PET constructions, HiGX combines elegant appearance with process compatibility for membrane pressing, wrapping, flat lamination and edge banding.

High Gloss Premium reflective appearance.	Visual Depth Clean and luxurious image.	Processability Press, wrap, edge banding and lamination.	Options Scratch and chemical resistance available.
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Recommended Applications

Kitchen furniture | Bathroom furniture | Wardrobes | Living room furniture | Shop counters | Commercial interiors | Interior construction elements

Specifications & Application Guide

Product / Process	Recommended Thickness	Typical Use
Wrapping	0.30 mm	Profiles, panels and furniture components
Flat Lamination	0.30 mm	Flat high-gloss furniture surfaces
Membrane Pressing	0.45 - 0.50 mm	3D furniture doors and shaped components
Edge Banding	Project dependent	Matching furniture edges and details

Standard Width

Up to 1420 mm

Surface Finish

High gloss reflective surface

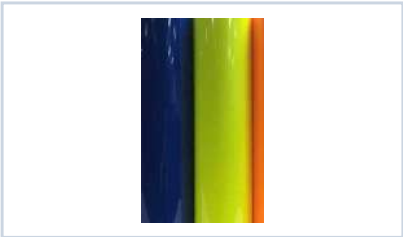
Material Platform

PVC and PET decorative film constructions

Design Options

Solid, sparkle, woodgrain, abstract and custom colors

Representative High Gloss Visuals



Technical Performance

The following values summarize reference technical data for product evaluation.

Property	Test Method	HiGX Press PVC	HiGX Wrap PVC	HiGX PET
Specific Gravity	ASTM D792	1.35	1.30	1.40
Tensile Strength	ASTM D638	400 / 350 kgf/cm2	200 / 190 kgf/cm2	390 / 350 kgf/cm2
Elongation	Heat Test	250%	200%	160%
Tear Strength	ASTM D1004	100 / 100 kgf/cm2	80 / 80 kgf/cm2	80 / 80 kgf/cm2
Dimensional Stability	80C x 30 min	MD 3% / TD 1%	MD 3% / TD 1%	MD 3% / TD 1%
Vicat Softening Temp.	ASTM D1526	70C	70C	75C
Gloss	60 deg Gloss Meter	90	90	94
Surface Hardness	JIS K 5400	Pencil Hardness: F	Pencil Hardness: F	Pencil Hardness: F
Scratch Resistance	Mitsubishi Pencil 200g	1H	1H	1H
Light Fastness	ASTM D4329	500 hours	500 hours	500 hours

PET Tensile Reference

Test Item	Result	Test Method
Tensile Strength MD	68 N/cm	ISO 527-3:1995
Tensile Strength TD	57.7 N/mm	ISO 527-3:1995
Elongation at Break MD	402%	ISO 527-3:1995
Elongation at Break TD	432%	ISO 527-3:1995

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 HiGX

Premium Appearance

High-gloss surface aesthetics for modern furniture and interior design.

Processing Versatility

Suitable for wrapping, lamination, edge banding and membrane pressing.

Material Flexibility

Available in PVC or PET decorative film constructions.

Design Availability

Solid, sparkle, woodgrain, abstract and custom developments.