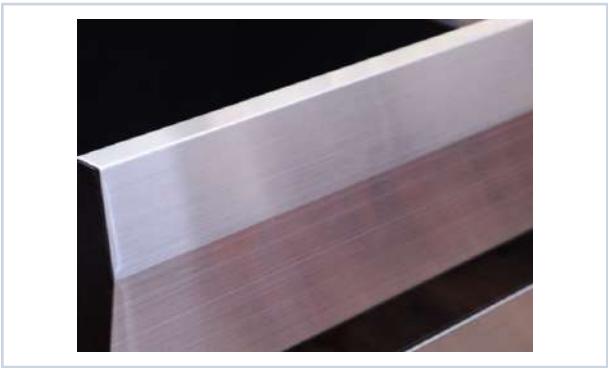


FLEXMETAL™

Metal Surface Decorative Film

Hairline Metal-Effect Surface Solution for VCM, Appliances & Interior Panels



Product Overview

FLEXMETAL is a metal-effect decorative film platform designed to create real stainless steel appearance through hairline surface effect and multi-layer film construction. It is suitable for laminated metal, VCM, appliances, interior panels and architectural surface applications.

Hairline Effect Stainless-looking brushed metal surface.	VCM Structure Multi-layer film structure for laminated metal use.	Surface Resistance Fingerprint, scratch and abrasion resistance references.	Applications Appliances, panels, furniture and transport interiors.
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Recommended Applications

VCM | Home appliances | Refrigerator panels | Elevator interiors | Furniture components | Architectural panels | Mass transit interiors

Structure & Application Guide

Item	Specification / Description	Remarks
Film Concept	High gloss film for laminated metal	Metal-effect decorative surface
Typical Thickness	0.14 mm	Reference grade
Available Width	980 - 1400 mm	Project dependent
Typical Structure	UV / PET / Hair Line / AD / VM / AD / PVC	VCM hairline type
Adhesive Reference	KUB-508 Laminating Adhesive	For steel, PET, nylon, PVC, paper, metalized and c

Metal Appearance

Real stainless-looking surface effect.

Hairline Technology

Scratching effect on PET film surface.

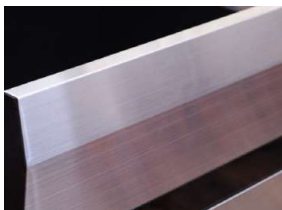
UV Surface Protection

Upper layer supports surface durability.

Laminated Metal Use

Designed for VCM and laminated metal applications.

Representative Metal Surface Visuals



Technical Performance

The following values summarize reference technical data for product evaluation.

Property	Test Method / Condition	Value
Tensile Strength	120 mm L x 10 mm W / 200 mm/min	L65 / W60
Elongation	120 mm L x 10 mm W / 200 mm/min	L51 / W45
Tear Strength	120 mm L x 20 mm W / 200 mm/min	L19 / W17
Percentage of Contraction	100C x 10 min heating	L0.04 / W0.04
Adhesion	25 mm x 20 mm + 50 mm/min / 180C	1.2
Heat Resistance	180C / 356F, 5 min heating	No change
Water Boiling Point Resistance	38C / 208F, 1 hr heating + 1 hr leveling	No peel
Acid Resistance	Deposit 5% CH ₃ COOH, 72 hr	No change
Alkali Resistance	Deposit 5% NaOH, 72 hr	No change
Surface Hardness	Mitsubishi Pencil Test, 200g	H
Weatherability	W-O-M 100 hr	No change
Ultraviolet Resistance	QUV 24 hr	No change
Erichsen Test	After cross cutting, 5 mm, push 8 mm	No peel
Salt Spray Resistance	After cross cutting, 5% NaCl, 240 hr	1 mm creep

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 FLEXMETAL

Distinct Surface Category

Differentiates JCT with metal-effect decorative surface solutions.

Appliance Compatibility

Suitable for VCM and laminated metal applications.

Visual Premium

Hairline and brushed metal appearance for refined surfaces.

Technical Structure

Layered film construction supports functional surface design.