



LUXIPRINT™

by INTERPRINT

INTERPRINT



LUXIPRINT™

Décor Films for LVT & SPC

OVERVIEW

Luxiprint by Interprint is printed PVC film engineered to thermally laminate to a wear layer in the manufacturing of LVT, SPC and many other decorative flooring products.

Interprint, Inc., part of the global Interprint Group, developed Luxiprint at its Pittsfield, Mass. production facility to meet customer demand for a domestically-produced, high performance flooring film that supports world-class décor design.

Together with suppliers and customers, Interprint engineered Luxiprint's water-based ink system to achieve excellent thermal bonding, high peel strength and support high-resolution designs.

Luxiprint is printed on rotogravure presses at Interprint in Pittsfield. The Pittsfield plant also features Metis flatbed scanning, full design and reprographic services, digital color matching, a gravure laboratory (2 foot), and print cylinder engraving. **Luxiprint is available in widths from 1000 to 2120 mm.**

With nearly 40 years' experience serving the North American market, Interprint offers trend research, décor development, a seasoned R&D staff, short lead times and fast delivery.

PROPERTIES

PVC Print Film Physical Properties

Gauge
Elongation % - MD
Elongation % - TD
Tensile Strength - MD
Tensile Strength - TD
Dimensional Stability/Shrinkage at 100° C - MD
Dimensional Stability/Shrinkage at 100° C - TD
Print Film Width

Test Methods/Instrument

Caliper
ASTM D882 - Instron
ASTM D882 - Instron
ASTM D882 - Instron
ASTM D882 - Instron
ASTM D1204 - Oven
ASTM D1204 - Oven
Tape Measure

Typical Range/Values

75 μ \pm 3%
>40 %
>40 %
>6000 psi
>4000 psi
6%
2%
1000 mm - 2120 mm

Print Film Optical Properties

Color

Visual Color Approval
Internal Interprint Color Review Procedure

Color

ISO 24585
ACMS: Advanced Color Management System

Similarity Index
SIM Index % (design-specific)

Print Film Chemical/Thermal Properties

Phthalate Content
Heavy Metal Testing (tin, lead, cadmium)
Glass Transition Temperature (Tg)

CPSC - CH - C1001 - 09.4
USEPA 3052 & ISO 17353
DSC: Differential scanning calorimetry

Not Detected via analytical testing (GC-MS)
Conducted by external lab
Not Detected via analytical testing
Conducted by external lab
74° - 77° C

COMPLIANCE & EHS REQUIREMENT

Film composition is in compliance with and subject to reporting under USEPA California Prop 65, US CDC Occupational Carcinogens list (NIOSH-C), or EU REACH list (SVHC and Annex XIV at minimum). Ca/Zn is the preferred choice for heat stabilizer. Above is per certified product declaration sheets from current film vendors.



luxiprint.com

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