

PRODUCT DATA SHEET

ICON® TL-6100

Product Description

ICON® TL-6100 is a 6.0mil textured clear polymeric vinyl overlaminating film, backed with a solvent-based permanent adhesive system. ICON® TL-6100 provides excellent print protection, UL 410 slip-resistance, and anti-scratch properties. An exceptional choice for floor graphics, pavement graphics, overlays, heavy equipment, industrial equipment, displays, POP/tradeshows graphics, and more!

Recommended End Uses

Substance Incorporated recommends the following end uses for ICON® TL-6100:

- Floor graphics requiring UL 410 slip resistance and anti-scratch properties.
- Protection of graphics subjected to heavy use in construction and industrial applications.
- Tradeshows and POP displays requiring anti-glare and anti-scratch properties.
- Indoor/outdoor graphics and decals, requiring additional durability and UV protection.

Performance Characteristics

Characteristic	Typical Value
Material	6.0 mil Polymeric Calendered Vinyl
Color	Clear
Tensile Strength	38.4 pounds/inch
Adhesive	Solvent-Based Pressure Sensitive Acrylic
Adhesive Thickness	1.5 mil (0.028mm) +/- 10%
Peel Adhesion	5.2 pounds/inch from Stainless Steel
Liner	Clear 2.0mil Polyester Release Liner
Liner Release	30 grams/inch
Dimensional Stability	0.020 inch (0.5 mm)
Application Temp.	50°F to 90°F recommended, test prior to specific application
Temperature Range	-40°F to 190°F
Shelf Life	2 years when stored at 70°F and 50% relative humidity
Print Compatibility	N/A
Graphic Life	Outdoor durability up to 5 years, permanent
Chemical Resistance	Resists mild acids, mild alkalis, solvents, and salts. Excellent resistance to water, including immersion.

Installation Recommendations

Before applying an overlaminate, allow 24-48 hours for print to dry. Application surface must be free of dust, dirt, debris, grease, and other contaminants. We highly recommend cleaning the installation surface with isopropyl alcohol prior to application. Dry installation is recommended. Please test any application fluid prior to use in production.

Disclaimer

All descriptive information presented within this Product Data Sheet is intended for reference purposes only. This information does not suggest or constitute a verbal or written warranty of any kind. The end user shall be responsible for independently testing the suitability of their application, prior to final use. The liability of Substance Incorporated will not exceed the purchase price of materials.



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