



## Technical Data Sheet



### LINK25 FORMABLE LAMINATE

Vertical Surfaces  
Light & Medium Duty Horizontal Surfaces  
Postforming Applications

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#### Product Name

**NEXGEN**  **LINK25**

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#### Manufacturer

OLON Industries Inc, Geneva, IL 60134

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#### Product Description

**Basic Use:** Is intended for application to vertical and light duty horizontal surfaces where design, appearance, quality, durability and outstanding resistance to impact, scuff, stain, wear, and heat resistance are required.

**Composition:** Decorative cellulose papers and special backers impregnated with thermosetting resins are thermally fused under heat and high pressure through (DBP) Double Belt Press technology providing a tough and durable laminate with built-in antimicrobial protection.

**Sizes:** The standard width is 4 feet wide by 9 lineal feet in length. Custom sheet lengths are available. Continuous rolls are available in various lengths and wound onto 6", ID cores.

**Colors and Patterns:** Available in a wide range of colors, woodgrains and abstracts to complement existing North American high pressure (HPL) and low pressure (TFM) laminate manufactures. It is recommended that actual samples be inspected for finish, pattern and color suitability. Contact your OLON sales representative or the Customer Service Department at (800) 387-2319 for samples and further product information.

**Finishes:** Available in a number of finishes such as Belluno, Caserta, Natural, Smooth Textured, Textured and Vista. Visually preferable laminate with a high degree of color, clarity, sharp and bright, and has warm, rich, authentic textures

## Fabrication Information

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**Storage:** Best stored in a dry protected area with protective wrap in place to maintain its moisture content. Storage can have an effect on machining results and bonding. All sheeted materials should be properly stacked with the decor surface side facing down. Use a heavy board to keep sheets flat and protect from damage.

**Preconditioning:** The laminate, substrate, and adhesives to at least 65F are required to allow the materials to equilibrate.

**Handling in Sheet Form:** Large, unbounded sheets may be handled in stacks much the same as wood veneers. Individual sheets may be rolled and carried by one person or handled by two people providing the sheet is tensioned slight to avoid wrinkling, kinking or cracking.

**Handling in Roll Form:** Handle carefully to prevent damage, particularly at the edge. Edge damage will make process more difficult. If edge damage occurs, apply a piece of masking tape to the damaged section to help prevent tearing.

Sheets may be cut directly from rolls using most conventional sheeters or shears. Sheets may also be cut manually using an unwind stand, straight edge and scoring knife. LINK25 may also be cut with scissors. Caution: Edges are sharp!

**Substrates:** Medium density fiberboards (MDF), Particle Board, Pine are typically used. All substrates must be uniform in thickness, clean, well sanded and free of sanding chatter, dubbing, edge or side taper dents and voids.

**Adhesives:** Its back surface is bondable with most conventional adhesives. Standard laminating grade PVAc, General purpose and Special purpose thermosetting resins. Spray grade contact adhesives can be used, but application procedures are very important. High temperature polyamide or EVA hot melt adhesives can be used. The suitability of a particular adhesive should be verified through sufficient testing of the finished component. For assistance in selecting an adhesive system for your particular application, contact your adhesive manufacturer.

**Postforming:** Has a wide forming temperature range of 275° to 325° F on automated postforming equipment. Laminate can be easily heated with high wattage hot air guns or radiant heater panels. This translates to faster processing speeds.

**Maintenance:** The surface of LINK25 laminates may be cleaned with a damp cloth, ordinary soap and water, or, if considered necessary, with a general-purpose household cleaner.

Recommended Household Cleaners: Mr. Clean®, Pledge®, Windex®, Fantastik®, Formula 409®, Glass Plus®, Dawn®

More stubborn dirt and greasy fingerprints may be removed with solvents such as *Acetone (nail polish remover)*, *methyl ethyl ketone (MEK)* (use adequate ventilation, beware of open flame). Acidic, alkaline or abrasive cleaners should not be used because it can damage laminate surfaces.

**Decor Performance**

<b>Category</b>	<b>Description</b>	<b>Standard</b>	<b>Typical Values</b>
Wear	Measure of the ability of the surface to keep its design or color under abrasive wear	NEMA LD3-2005	Solid: 400 cycles Print: 170 cycles
Stain	Measure of the ability of the decorative surface to resist to stain when exposed to 15 household products	NEMA LD3-2005	1-14 No effect 15 Slight
Cleanability	Measure of the ability of a decorative surface to be cleaned when exposed to 15 soiling agents	NEMA LD3-2005	No effect
Light Resistance	Measure of the ability of a decorative surface retain its color when exposed to a light source close to the sunlight	NEMA LD3-2005	Slight
High Temperature	Measure of the ability of a decorative surface to maintain its color and aspect when exposed to high temperatures	NEMA LD3-2005	Slight
Radiant Heat	Measure of the ability of a decorative surface to resist any damage when exposed to a radiant heat source	NEMA LD3-2005	No effect
Boiling Water	Measure of the ability of a decorative surface to resist any damage when exposed to boiling water for 20 minutes.	NEMA LD3-2005	No effect
Impact	Measure of the maximal falling height of a steel ball that does not cause fracture to the decorative surface	NEMA LD3-2005	24"
Nominal Thickness	Measure of the thickness of the laminate	Caliper	25 mil (.635 mm)
Formability	Measure of laminate formability	Postforming	< 1/8" (3.18 mm) outside radius

The above information is to help in selecting suitable products for their applications. We request that our customers inspect and test our laminate before use and satisfy themselves as to the specifications and suitability.

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