



Floor Stencil made of LDPE

- Food storage facilities
- Vacuum-formed parts
- Sinks, tote trays
- Radiation shielding
- Impact stops
- Root barriers
- Playground equipment
- Die cut parts
- Orthopedic and prosthetic appliances
- Electrical insulators

King KPC low-density polyethylene is produced with our proprietary K-Stran® process for unsurpassed flatness and quality up to 1^{1/4"} in thickness, for larger gauges our state-of-the-art compression molding system is utilized to create the same quality sheets, slabs or massive shapes. King KPC LDPE extruded sheets are very pliable with a low Durometer of 42, with a smooth soft translucent appearance and a special formulation, which is made with the finest FDA and USDA, approved materials. KPC LDPE stock sheet is ideal for applications such as stencils, orthopedics, packaging, sound deadening, and the automotive industries. Other applications may include trays, general-purpose containers, food storage, laboratory containers, and corrosion-resistant work surfaces. KPC LDPE sheets are also used for applications where corrosion resistance is a factor but stiffness, high temperatures and structural strength are not. We also offer our KPC LDPE in a special grade, which is certified as a barrier material or radiation shielding nuclear naval warships, submarines and certain medical applications.



For additional information visit www.kingplastic.com

Standard Colors

Natural

Custom colors quoted upon request.

Standard Sheet Thickness

Standard Gauge (*inches*)

1/16" | 3/32" | 1/8" | 3/16" | 1/4" | 3/8" | 1/2" |
5/8" | 3/4" | 1" | 1 1/4" | 1 1/2" | 1 3/4" | 2" | 2 1/4" | 2 1/2"

Custom Thickness Available

Standard Sheet Sizes (*inches*)

48" x 96"

Custom Sizes Available

Standard Gauges (mm)

1.6mm | 2.4mm | 3.2mm | 4.8mm | 6.4mm
| 9.5mm | 12.7mm | 19.1mm | 25.4mm
| 31.8mm | 38.1mm | 44.5mm | 50.8mm |
57.2mm | 63.5mm

Standard Sheet Sizes (*mm*)

1219mm x 2438mm

Custom thickness up to 30"/508mm with our
King Size Blocks and Massive Shapes

Physical Properties

Density g/cc

ASTM D1505 0.918

Tensile Strength @Yield (PSI)

ASTM D638 >1,400

Elongation@ Break %

ASTM D638 >500

Flexural Modulus (PSI)

ASTM D790 30,000

Durometer Shore D

ASTM D785 42

Vicat Softening Temp °C

ASTM D1525 89

Notched Izod Impact (ft. lbs/in.)

ASTM D256 No Break

Heat Deflection Temp at 66 (PSI) °C

ASTM D648 50



Machined carriage made of LDPE

We can also add our King MicroShield™ which is a non-toxic antimicrobial upgrade available in many King Plastic products. It helps our products stay cleaner between cleaning and inhibits the growth of product-damaging microorganisms. Unlike other antimicrobials, it retains its effectiveness for the lifetime of the sheet without leaching into the environment.



King Plastic Corporation has been developing and manufacturing quality polymer sheets, slabs and massive shapes since 1968.

The King heritage is always making a tireless commitment to innovation, quality and service. Our comprehensive line of products are manufactured at our state-of-the-art headquarters in North Port, Florida, and distributed worldwide.

King Plastic's Limited Warranty is your money back or replacement of defective material. No other warranties are expressed or implied including merchantability and fitness for a particular purpose.

Distributed By:



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