
High Pressure Laminate

Frequently Asked Questions

High Pressure Laminate FAQ

- What is High Pressure Laminate?** High Pressure Laminate (HPL) is a product which utilizes specially developed, digitally imaged printing papers impregnated with melamine resins. This is then pressed at extreme pressure and heat with additional layers of phenolic resin-impregnated kraft stock and a special UV resistant overlamine. This process fuses the layers into a solid core material, making it a very strong and durable signage product that cannot peel or delaminate.
- What is the maximum size you can do in HPL?** The maximum single image size is 48" x 144". Murals can be tiled to any size, with graphics indexed over the whole surface. For special orders, 58" x 142" is also available but additional production time and minimum quantity orders may apply.
- How does HPL compare to other sign materials?** HPL is an excellent choice for many applications and is a great value when compared to similarly priced products. HPL has good graphic quality, has a very hard, scratch-resistant surface, and is very durable. It also stands up well to extreme weather conditions, resists most forms of graffiti and is extremely impact-resistant.
- How much does HPL cost?** There are a number of factors that can affect the cost of HPL such as size, quantity, installation options, material thickness and whether you need interior or exterior-grade product. Generally, the price of HPL is approximately \$65.00 per square foot based on a typical project consisting of approximately five 36" x 24", 1/8" thick panels. It is best however, to have KVO provide you with an estimate for your specific project.
- What thickness options are available in HPL?** HPL can be manufactured as thin as 1/16" and typically no thicker than 1". The 1/16" material comes with a sanded back so that it can easily be glued to either flat or curved substrates. Standard thicknesses are 1/16", 1/8", 1/4" and 1/2". Non-Standard thicknesses of 1/10", 3/8", 3/4" and 1" are also available but may require additional production time and minimum orders. Panels between 1/2" and 1" are self supporting and can accept threaded inserts for installation.
- Can you create unique shapes with HPL?** Yes. HPL can easily be cut to any shape you desire as long as inside corners have no less than a 1/16" radius. Furthermore, since HPL is a solid core material, you can also drill, trim and rout this product on-site if the need arises.
- Are the graphics full bleed?** Yes. The manufacturing process of HPL enables graphics to bleed right to the edge.

High Pressure Laminate FAQ cont.

- Is HPL vandal resistant?** HPL has a very hard surface and resists scratching very well. It is also an extremely dense and hard material, and therefore resists impact damage. If a determined vandal does damage this product in any way, it will not deteriorate any further as a result. HPL will not delaminate and is very resistant to most forms of graffiti including spray paint, permanent ink markers, lipstick and crayons.
- What is the turnaround time for HPL?** The standard turnaround time for HPL is 6-8 weeks from receipt of your files and Purchase Order. This time includes content proofing and color proofing which is highly recommended. In certain situations, we can offer much quicker turnarounds.
- What is the warranty for HPL?** HPL is guaranteed for ten (10) years against fading due to UV exposure. HPL is also guaranteed for ten (10) years against blistering, cracking, delaminating or yellowing, with the exception of vandalism, mishandling or improper installation.
- Please Note:** You must have a written warranty from KVO Industries for your specific project before any claims can be honored.

For more information: For more information about High Pressure Laminate or any of our other products or services please contact KVO Industries at:

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