



**How Does UVMax™  
UV-Cured Powdercoating  
Compare to Vinyl Laminate?**

<b>Durability</b>	<b>UVMax™</b>	<b>Vinyl Laminate</b>
Thickness	3 – 4 mils	8 – 12 mils
Crosshatch Adhesion	No loss	ND*
Impact	No cracking at 35”	No cracking at 64-90”
Abrasion Resistance (weight loss in mg)	34.2 mg - CS-17/500 cycles	50 mg - CS-10/100 cycles
Abrasion Wear Thru Resistance (cycles)	3000 cycles	1200 cycles
Scratch Resistance	No effect	No effect
Pencil Hardness		B
Scratch Hardness	2H	ND*
Gouge Hardness	4H	ND*
Cleanability/Stain Resistance	High	High
<b>Design Flexibility</b>		
Seamless Surfaces Edges Top and Bottom	Yes	No
Radiused Edges and Corners	Yes	Yes
Bullnosed Edges	Yes	Yes
Curvilinear Shapes	Yes	Yes
Contoured and Complex Shapes	Yes	Yes
Finished Through-holes and Recesses	Yes	Yes
<b>Environmental Impact</b>		
VOCs (volatile organic compounds)	No	No
HAPs (hazardous air pollutants)	No	No
Hydrocarbon Waste	No	Yes
Materials Waste	<1%	10+%
<b>Production Process</b>		
Number of Steps Required to Finish	1	3
Type of Finishing Process	Continuous	Batch

UVMax™ tests performed by Stork Herron Laboratories. Vinyl laminate data applies to membrane press production. Data is drawn from publicly available published information; exact results vary by manufacturer and grade.

\* ND = no data available