



HIGH PRESSURE LAMINATE FORMING RADII CHART

The following chart defines the minimum outside forming radius for all Nevamar laminate products. This information is presented to assist you in determining what grades of material are required to execute the specified requirements of your designs.

HGS GENERAL PURPOSE HORIZONTAL GRADE		HGP HORIZONTAL FORMING GRADE		VGP VERTICAL FORMING GRADE	
COLD BENDING	HOT BENDING	COLD BENDING	HOT FORMING*	COLD BENDING	HOT FORMING*
6"	2"	3"	3/8"	3"	1/4"

Using suitable equipment, NEVAMAR laminates may be hot formed* in stocked grades to the above radius. (*Following typical temperature ranges used for postforming, i.e. 325°F (163° C) - 350°F (177°C)). 350° F (177°C) is a more desirable forming temperature as it compensates for the heat loss of white and light colors.

GRADES AND THICKNESSES	
HGS General Purpose Horizontal Grade	Recommended for both horizontal and vertical applications 0.048" (± .005) (1.2mm ± .12).
HGP Horizontal Forming Grade	For horizontal forming surfaces where a directional single radius is desired 0.039" (± .005); (1.0 mm ± .12)
VGP Vertical Forming Grade	Designed expressly for vertical and forming applications 0.028" (± .004); 0.7 mm (± .10)

For additional information or technical assistance, please contact:

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