



PRODUCT DATA SHEET

HIGHLIGHTS:

- Silicone impregnated fiberglass encasing 1" of high heat insulation.*
- Safe for hazardous gases - significantly below threshold limit values.*
- Water and solvent resistant.*
- Available with one side stainless steel mesh for greater durability.*



WELDING PADS / HEAT TREATMENT PADS R51-LxWx1P (Pad) and R51-LxWx1PS (Pad with Mesh)

Hi Temp Welding and Heat Treatment Pads are constructed from R51 silicone impregnated fiberglass welding blanket material encompassing 1" of high heat insulation. The R51 material weighs 32oz/yd² and is capable in withstanding temperatures in excess of 1750 °F. Pads are provided with the option of one side stainless steel mesh for added durability. The stainless steel mesh option is only available on widths up to 30".

Standard Sizes	12" x 14", 24" x 24", 24" x 48", 24" x 72", 30" x 30", 36" x 36" 60" x 60", 60" x 72", 60" x 84", 72" x 72"
Temperature Limitations	R51 material – 1750 °F Mat Insulation – 1200 °F
Typical Uses	Welders kneeling pads, pre heat and post heat treatment pads, heat shields when working on hot vessels, insulating blanket, box liner for high heat materials.
Custom Orders	Custom sizes can be manufactured to order. Pads can be made with ½" insulation instead of the standard 1" insulation.

Because this material is used in widely varied applications, we do not guarantee the applicability or accuracy of the technical information included herein. This is a guide only without guarantee. We recommend making your own tests in your specific application on the material of interest.

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