



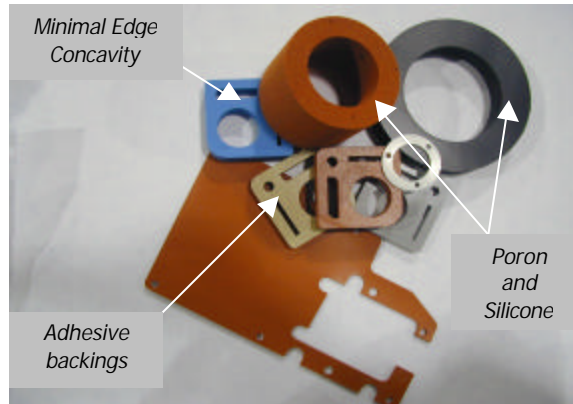
## STOCKWELL ELASTOMERICS, INC.

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### Precision Water Jet Cutting of Solid and Sponge Rubber Gaskets

*Stockwell Elastomerics has in-house water jet cutting capability!*



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Using high-pressure water – we cut up to 2" thick sponge and up to 1" thick solid rubber.

#### **Benefits of Water Jet Cutting include:**

- Accurate cutting – without edge concavity of thick, low durometer solid or sponge components.
- Rapid initial production turn around – especially when supplied with electronic drawing files, in 2D Autocad dxf or dwg.
- Water jet cutting saves the need for tooling – which quickens lead-time and saves initial cost – especially when the design is subject to change!
- Adhesive backings can be cut with clean edges.
- Edges of silicone and thick materials are not scorched (unlike some laser burning processes).

Intended for initial production runs (1 to 1000 pieces) of thin gauge materials – the same electronic file can be used to program production of cutting dies – when you have confirmed your design is stable.

Thicker (.25" to 2.00") materials with critical edge details or numerous bolt holes may best be run on water jet regardless of quantities.

**Need material recommendations?** We are here to assist you. Stockwell Elastomerics maintains inventory and has access to a broad variety of solid silicone (.010" to .500" thick) and silicone sponge (.032" to .750" thick). We also carry Poron® cellular urethane, neoprene and EPDM sponges, and 3M VHB adhesives. We can mold special compounds such as electrically conductive silicone, thermally conductive silicone, FDA grade materials and flame retardant compounds, in sheets from .020" to .500" thick - then water jet cut to size to permit you to evaluate the concept prior to tooling up or running a full production lot of material.

With Stockwell Elastomerics, you get the benefit of a fully stocked fabricator / distributor of high performance elastomers. Our relationships include:

Preferred Fabricator for Rogers Corporation – Poron Materials and Bisco Silicone Foams.  
St. Gobain – (formerly CHR) Cohrlastic silicones and thermal management materials.

Call us to find out more or e-mail us at [service@stockwell.com](mailto:service@stockwell.com) for assistance.

Your 2 dimensional Autocad dxf file can be e-mailed to [prototypes@stockwell.com](mailto:prototypes@stockwell.com) for rapid response.