



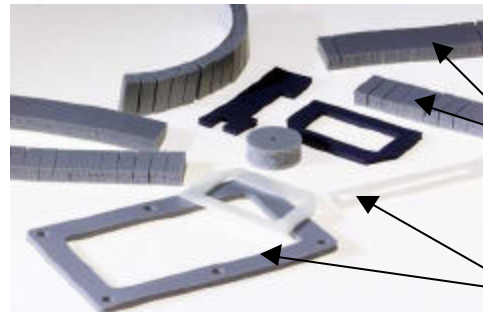
STOCKWELL ELASTOMERICS, INC.

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Silicone Foam Die Cut Gaskets and Cushioning Pads

Stockwell Elastomerics has a full range of Die Cutting capabilities!



SR92 03/2004

Kiss-cut Pads on Release Liner

Gaskets supplied with adhesive backing or plain

Silicone Gaskets and Cushioning Pads can be supplied plain, with adhesive backing and kiss-cut on the adhesive release liner.

Why Use Silicone Rubber?

Silicone Rubber has the combined properties of resilience, high temperature stability and general inertness unavailable in any other elastomer. Silicone foams are generally unaffected by extended exposure to temperatures from -67°F to 392°F, and are also unaffected by aging and degradation from sunlight and ozone. Now with the new LSR (liquid silicone rubber) technology, many silicone foam and sponge products are Flame Retardant – meeting UL94V0 and UL94HF-1. Flame retardant properties are often specified for telecommunications base stations, computer and peripheral hardware, and aerospace requirements.

Portable Electronic items, such as 'ruggedized' hand-held computing devices and data acquisition devices can be made more drop-proof by using silicone foam cushioning pads, as resiliency is maintained over a broader temperature range than traditional shock isolation foams.

We are teamed up with several manufacturers of silicone foam and sponge to provide the broadest selection of densities and thicknesses.

UL94V0 and UL94HF-1 Silicone foam and sponge offerings typically provided in die cut form include :

Product	Grade	Avg. Force + Deflection, psi.	Color	Available Thicknesses, inches	Comments and Features
EP-2022	Ultra Soft	0.75	Black	.125, .250, .375	Softest silicone foam available
BF1000	X-soft	2	White & Gray	.062, .093, .125, .188, .250, .375, .500, 1.00	Lightweight Open Cell Foam
F12	X-soft	3	Gray	.062, .125, .188, .250, .375, .500, .750	Lightweight Open Cell Foam
HT870	Soft	4	Black	.062, .125, .188, .250, .375	Modified Closed Cell Foam
HT800	Medium	8	Gray & Black	.032*, .062, .093, .125, .188, .250, .375, .500	Closed Cell Foam
HT820	Firm	14	Gray	.032, .062, .125, .188, .250	Closed Cell Foam
HT840	X-Firm	18	Gray	.062, .125, .250	Closed Cell Foam

* 1/32" HT800 is only available in black.

+ Avg. Force Deflection, PSI (Compressed 25% at 73°F) per ASTM D 1056.

Stockwell Elastomerics has over 20 pressure adhesive backings to choose from. Although Adchem 256M and 3M 467 and 9485 acrylic adhesives are most often specified, contact us for our latest listing – and let us assist you in selecting adhesive options for your application.

Call us to find out more or e-mail us at service@stockwell.com for assistance.