



# **GREENE RUBBER**

## **MATERIAL SELECTION GUIDE**



**CUSTOM FABRICATED  
AND MOLDED  
RUBBER PRODUCTS**



**EMI & THERMAL  
MATERIALS**



**SOUND DAMPING  
PRODUCTS**



**TAPES & ADHESIVES  
FOR CUSHIONING,  
SEALING, & BONDING**



**Think “Greene” for all your engineering needs**



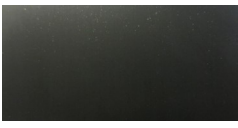
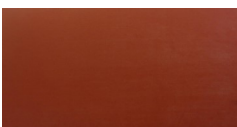
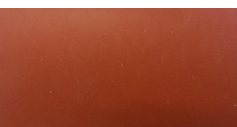
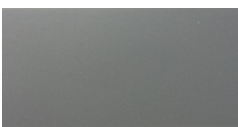
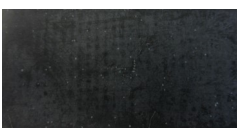
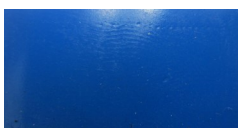

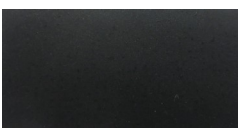
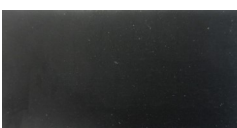

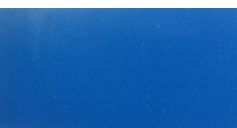
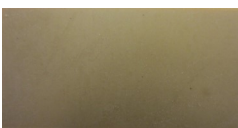
Greene Rubber Company, in business since 1931, has extensive capabilities in rubber processing including molding, extruding, vulcanizing, grinding, slitting, laminating, and die cutting using the latest engineering and manufacturing processes.

As an ISO-9001 certified supplier, Greene's commitment to continuous improvement is constant year after year. Whatever your requirements Greene Rubber gives you the promise of an experienced team approach to solving your critical application needs.

## DUROMETER (HARDNESS OF MATERIAL)

20 DURO	30 DURO	40 DURO	50 DURO	60 DURO	70 DURO	80 DURO
						

## SOLID RUBBER

<b>ASMS 8361</b>  NEOPRENE	<b>ASMS 8374</b>  BUNA	<b>ASMS 8364</b>  EPDM	<b>ASMS 8362</b>  VITON
<b>ASMS 8360</b>  SILICONE	<b>ASMS 8363</b>  FLUOROSILICONE	<b>ASMS 3235</b>  REINFORCED SILICONE	<b>ASMS 8373</b>  HIGH STRENGTH SILICONE
<b>ASMS 3430</b>  NEOPRENE ON NYLON DIAPHRAGM SHEET	<b>ASMS 3305</b>  VIBRATION DAMPING MATERIAL	<b>ASMS 3735</b>  55 DURO WHITE FDA VINYL/NITRILE	<b>ASMS 8368</b>  65 DURO BLK POLYURETHANE
<b>ASMS 3250</b>  ELECTRICALLY CONDUCTIVE SILICONE	<b>ASMS 7715</b>  40 DURO CLEAR SILICONE	<b>ASMS 3392</b>  THERMOPLASTIC RUBBER	<b>ASMS 3180</b>  40 DURO GUM RUBBER



For additional product info please visit [www.greenerubber.com](http://www.greenerubber.com)



# SPONGE/FOAM RUBBER

<b>ASMS 4855</b>  LOW COMPRESSION SET SILICONE-SOFT DENSITY	<b>ASMS 4850</b>  SILICONE SPONGE MEDIUM DENSITY	<b>ASMS 4880</b>  REINFORCED SILICONE SPONGE	<b>ASMS 4870</b>  FLUOROSILICONE SPONGE
<b>ASMS 5250</b>  OPEN CELL SILICONE FOAM UL-94	<b>ASMS 3454</b>  OPEN CELL X-SOFT SILICONE FOAM	<b>ASMS 3415</b>  CLOSED CELL SILICONE SPONGE MEDIUM	<b>ASMS 3416</b>  CLOSED CELL SILICONE SPONGE FIRM
<b>ASMS 8365</b>  OPEN CELL POLYURETHANE FOAM VERY SOFT UL-94	<b>ASMS 5210</b>  OPEN CELL POLYURETHANE FOAM SOFT UL-94	<b>ASMS 7548</b>  OPEN CELL POLYURETHANE FOAM FIRM UL-94	<b>ASMS 8366</b>  X-SOFT SLOW REBOUND FOAM BLACK
<b>ASMS 8367</b>  X-SOFT SLOW REBOUND FOAM WITH PET FILM	<b>ASMS 4840</b>  CLOSED CELL NEOPRENE SPONGE-MEDIUM UL-94	<b>ASMS 4890</b>  CLOSED CELL NEOPRENE SPONGE-SOFT	<b>ASMS 4860</b>  CLOSED CELL NEOPRENE SKIN DIVERS SPONGE
<b>ASMS 5280</b>  OPEN CELL POLYURETHANE FOAM 2LB	<b>ASMS 5240</b>  EMBOSSED ACOUSTICAL FOAM UL-94	<b>ASMS 4710</b>  OPEN CELL SPONGE MEDIUM	<b>ASMS 8372</b>  CLOSED CELL VINYL NITRILE SPNG SOFT UL V-0
<b>ASMS 5235</b>  FILTER FOAM	<b>ASMS 5275</b>  CROSS LINKED POLYETHELENE FOAM	<b>ASMS 8371</b>  SILICONE/ALUMINUM FOAM	<b>ASMS 8375</b>  PTFE COATED FIBERGLASS
<b>ASMS 2983</b>  KAPTON FILM	<b>ASMS 8370</b>  MYLAR FILM UL-94	<b>ASMS 2988</b>  .0035 COPPER FOIL	<b>ASMS 8369</b>  WHITE POLYPROPYLENE SHEET UL-94



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## 10 QUESTIONS TO AID IN THE SELECTION OF AN APPROPRIATE ELASTOMER

Many factors affect the selection of elastomers. There are, however, ten basic questions that should be answered in order to select the best elastomer for a given application.

- 1** What is the temperature range to which this material will be subjected?
- 2** Are these temperatures constant or intermittent?
- 3** Is this an internal or external environment?
- 4** Is this an air seal or a liquid seal?
- 5** What types of chemicals will this material come in contact with and what are the concentrations?
- 6** What are types of oils or fuels with which this material will come in contact?
- 7** What are the types of gases with which this material will come in contact?
- 8** How much compression will this gasket receive?
- 9** Will this material need flexibility, tear strength, or abrasion resistance?
- 10** Does this material need to meet agency criteria such as: ASTM, Mil-Spec, FDA, NSF, UL, etc?

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