

Conductive elastomers Knitted wire mesh products  
Conductive coatings, sealants, adhesives Shielded vents and windows  
Cable shield products Laminated ground planes, cross-talk shields,  
Faraday cages & foil tapes  
FCC/VDE and TEMPEST testing

CHOMERICS  
a GRACE company

## SOFT-SHIELD® II Self-Terminating, Low Closure Force EMI Gasket

### FEATURES

- 60dB attenuation from 30MHz to 1GHz
- Less than 1 lb/in (17.86 kg/m) closure forces
- No degradation in performance after 10,000 cycles
- Self-terminating Just cut to length
- No creases or wrinkles in storage
- Less than 25% compression set at 50% deflection for 22 hrs at 158°F (70°C)

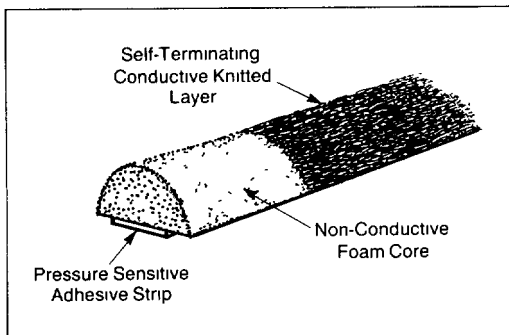
New SOFT-SHIELD™ II EMI gaskets are designed specifically for use in commercial electronic enclosures and metallized plastic housings. The gasket's foam core has an exceptionally low closure force characteristic which allows enclosures to be designed with fewer fasteners or thinner panels. Its knitted conductive layer has excellent EMI shielding properties to help equipment meet FCC or other commercial EMI requirements. The self-terminating outer

layer eliminates the need for secondary termination treatments and any metal particle debris common with conventional wire mesh gaskets.

SOFT-SHIELD II gaskets are easy to apply to flanges. Just cut to length and attach. All profiles can be supplied with a pressure sensitive adhesive strip for quick and efficient mounting.

Licensed by Chomerics, Inc. under U.S. Patent #4,857,668 and Canadian Patent #1,309,486

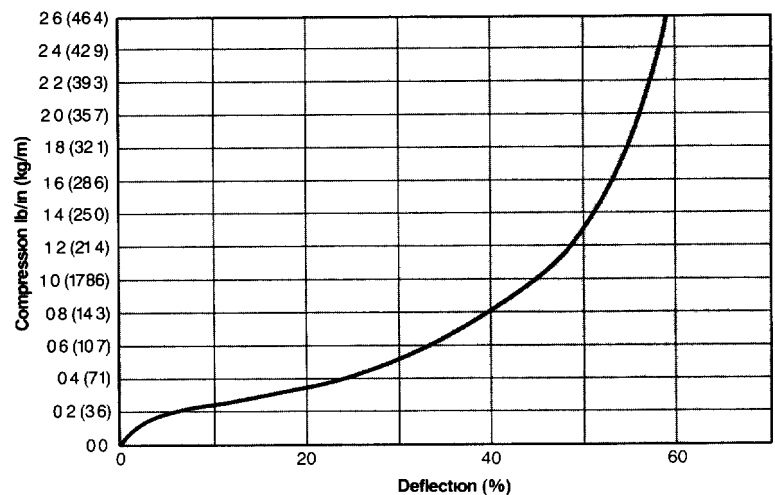
### SOFT-SHIELD II CONSTRUCTION



Magnified cross-section showing self-terminating conductive knitted layer detail

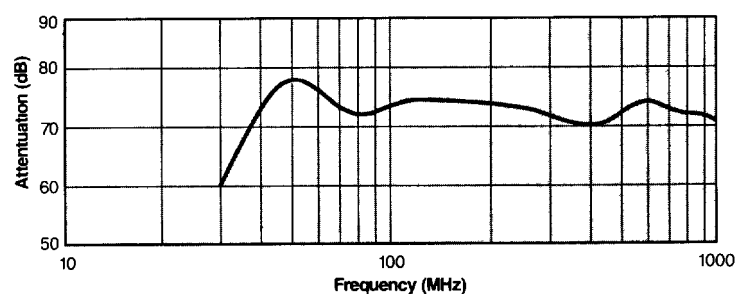
### COMPRESSION-DEFLECTION

SOFT-SHIELD II (P/N 01-1392-6789)



### SHIELDING PERFORMANCE

SOFT-SHIELD II (P/N 01-1392-6792)

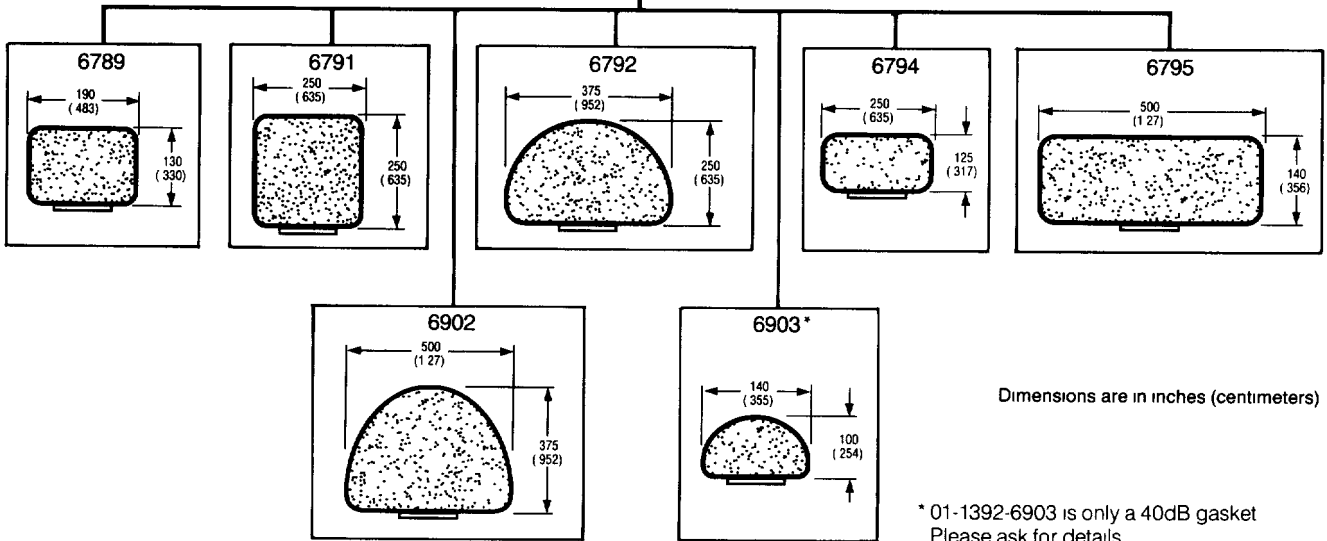


**ORDERING INFORMATION**

Use the following part numbers to order SOFT-SHIELD II gaskets

**01-1392-XXXX**

**NOTE:** Change the 3 to 2 if ordering gaskets without pressure sensitive adhesive strip



*Contact Chomerics for Design Specifications or Alternative Cross-Section Requirements*



Chomerics, Inc., 77 Dragon Court, Woburn, MA 01888-4014 Tel: 800-225-1936 (In MA: 617-935-4850), TWX: 710-393-0173 FAX: 617-933-4318  
 Chomerics (UK) Limited, Parkway, Globe Park, Marlow, Bucks., SL7 1YB, England Tel: (0628) 486030, Telex: 849817 CHOMER G FAX: (0628) 476303  
 Chomerics GmbH, Postfach 320208, Moltkestrasse 32, 4000 Dusseldorf 30, West Germany Tel: 0211/488001, Telex: 8589743 CHOM D FAX: 0211/483109  
 Chomerics S.A., Rue Jacques Brel, Parc d'Activites de la Danne, 95610 Eragny-sur-Oise, France Tel: (1) 30.37.63.30, Telex: 608255F CHOMESA FAX: (1) 30.37.46.36

**NOTICE:** The information contained herein is to the best of our knowledge true and accurate. However, since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee of responsibility on our part and users should make their own tests to determine the suitability of our products in any specific situation. **This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality and except to the extent otherwise stated on Chomerics' invoice, quotation or order acknowledgement.** We disclaim any and all liability incurred in connection with the use of information contained herein or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.