

SOFT-SHIELD® 2000 Series

Conductive Yarn over Foam EMI Gaskets

- **>70 dB attenuation from 20 MHz to 10 GHz**
- **Requires <1 lb/inch (0.175 N/mm) closure force**
- **No degradation in performance after 10,000 compression cycles**
- **Self-terminating – simply cut to desired length**
- **Won't crease or wrinkle in storage**
- **<25% compression set at 50% deflection, 22 hr. at 158°F (70°C)**
- **Pressure-sensitive adhesive (PSA) for quick mounting**
- **Extended PSA release liner available**
- **Rectangular, square or "D" profiles**
- **Available kiss-cut on film sheets**



**SELF TERMINATING,
LOW CLOSURE FORCE**

COMPRESSION-DEFLECTION

SOFT-SHIELD 2000 Series gaskets consist of silver-plated nylon yarn knitted as the outer layer over a highly compressible, thermoplastic EPDM foam core. Through a special treatment process, the yarn jacket is secured to the core. This self-terminating outer layer eliminates the need for secondary termination efforts and metal particle debris associated with the cut ends of common wire mesh gaskets.

The low closure force characteristic of SOFT-SHIELD 2000 Series gaskets allows enclosures to be designed with fewer fasteners or thinner panels. The knitted conductive layer provides excellent EMI shielding in the 20 MHz to 10 GHz range.

Configurations: Standard SOFT-SHIELD 2000 Series gaskets include both rectangular and "D" cross sections. Gaskets are provided in bulk on spools or cut to custom lengths. For attachment to flanges or other mounting surfaces, these gaskets are available with pressure-sensitive adhesive for quick, efficient application. An extended PSA liner is available to ease paper removal. Parts can be provided kiss-cut on sheets for low cost gasket installation.

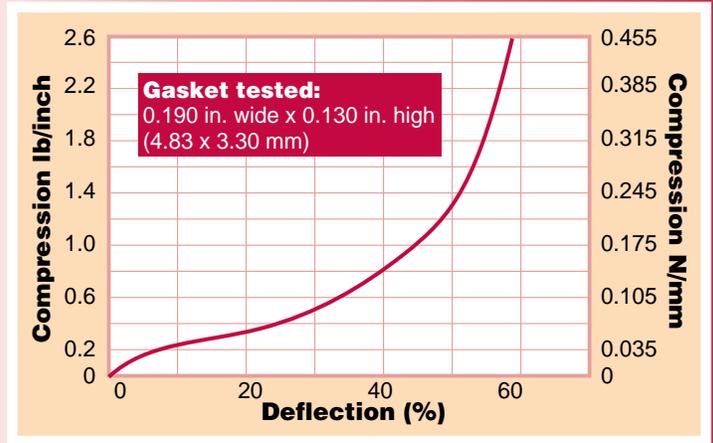


Figure 1

SHIELDING EFFECTIVENESS

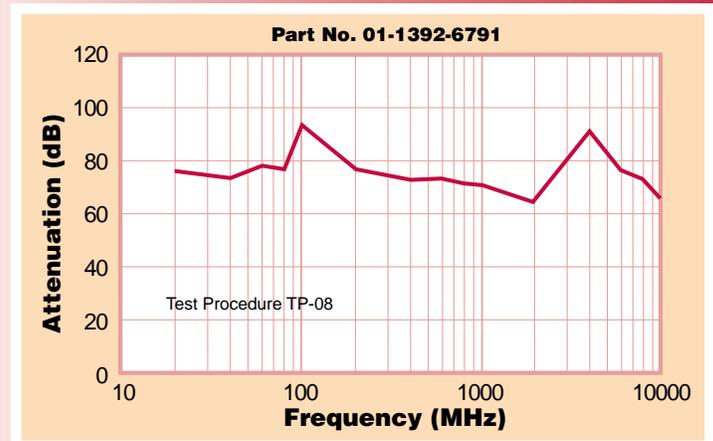


Figure 2

ORDERING INFORMATION

Use the following part numbers to order SOFT-SHIELD 2000 Series gaskets:

01 - 1392 - XXXX

NOTE: Change the 3 to 2 if ordering gaskets without pressure-sensitive adhesive backing.

Gasket profile (see below)

Dimensions shown in inches (mm)

