

# SOFT-SHIELD® Gaskets

## A choice of low closure force EMI shielding materials...

*Material choices that maximize your options...* SOFT-SHIELD EMI gasketing products bring new flexibility to shielding decisions. They offer material choices, performance levels, configurations and attachment methods that suit virtually any requirement.

*And, minimize your costs...* Chomerics' multi-technology approach can help control production costs. Using the right material for a given shielding task eliminates waste and speeds assembly.

SOFT-SHIELD PRODUCT	5000 Series	4000 Series	2000 Series	1000 Series
<b>APPLICATIONS</b>	Continuous EMI gasket, very low closure force gasket, grounding buttons, frame gaskets	Die-cut I/O, backplane, ground plane gaskets, grounding buttons, low cost spliced picture	Continuous EMI gasket, low closure force gasket, electronic enclosures	Continuous EMI gasket, extremely low closure force gasket, electronic enclosures
<b>PROFILES</b>	Asymmetrical or flat rectangular, C, V, P, and D	Flat rectangular	Rectangular, square, and D	Rectangular and square
<b>JACKET/CORE</b>	Nickel-plated-silver nylon rip-stop fabric over urethane, 3-5 lb. (1.4 - 2.3 kg) density	Foil/fabric or conductive fabric over urethane, 20-25 lb. (9.1 -11.4 kg) density	Silver-plated nylon yarn over thermoplastic EPDM foam, 12 lb. (5.5 kg) density	Monel or Ferrex wire over urethane, 4 lb. (1.8 kg) density
<b>ATTACHMENT</b>	Non-conductive PSA	Electrically conductive PSA	Non-conductive PSA	Non-conductive PSA
<b>CUSTOMIZING</b>	Cut-to-length – Kiss-cut – Die-cut – Picture frame – Custom profiles – Mounting clips– Rigid inserts	Cut-to-length – Kiss-cut – Die-cut – Picture frame – Individually wrapped picture frame	Parallel weather seal– Cut-to-length – Picture frame	Large profiles >0.75 x 0.75 in. (19.1 x 19.1 mm) – Custom attachment (push-pin) – Auto-cut – Termination
<b>DISTRIBUTOR AVAILABILITY</b>	Yes, (standard and cut-to-length)	Yes, (standard, cut-to-length, and die-cut)	Yes, (bulk on spools, cut-to-length)	Yes, (bulk on spools, cut-to-length, terminations)
<b>RELATIVE PERFORMANCE RANKING (1=highest)</b>				
<b>SHIELDING EFFECTIVENESS</b>	1	1	2	2
<b>COMPRESSION-DEFLECTION</b>	2	1-3	3	1
<b>UL 94 FLAMMABILITY</b>	V-0 rated version available	V-0 and HB rated versions available	HB	HF-1
<b>COMPRESSION SET</b>	3	1	2	3
<b>DURABILITY, ABRASION, CLOSURE CYCLES</b>	1	1	1	1
<b>FRICTION/SHEAR</b>	1	1	2	2
<b>GROUNDING</b>	2	1	2	1
<b>PRIMARY FEATURES</b>	Superior compression-deflection, many profiles available	Excellent shielding/grounding, durability and low compression set	Good shielding effectiveness up to 10 GHz. Low price.	Excellent compression-deflection, good shielding effectiveness. Lowest price.

Contact Chomerics' Applications Engineering Department for assistance with SOFT-SHIELD product selection.