

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
APPLICATIONS	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
PROFILES	Asymmetrical or flat rectangular, C, V, P, and D	Flat rectangular	Rectangular, square, and D	Rectangular and square
JACKET/CORE	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
ATTACHMENT	Non-conductive PSA	Electrically conductive PSA	Non-conductive PSA	Non-conductive PSA
CUSTOMIZING	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
DISTRIBUTOR AVAILABILITY	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)
RELATIVE PERFORMANCE RANKING (1=highest)				
SHIELDING EFFECTIVENESS	1	1	2	2
COMPRESSION-DEFLECTION	2	1-3	3	1
UL 94 FLAMMABILITY	V-0 rated version available	V-0 and HB rated versions available	HB	HF-1
COMPRESSION SET	3	1	2	3
DURABILITY, ABRASION, CLOSURE CYCLES	1	1	1	1
FRICTION/SHEAR	1	1	2	2
GROUNDING	2	1	2	1
PRIMARY FEATURES	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.