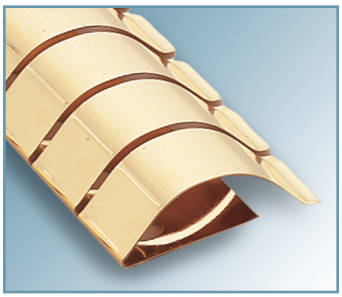
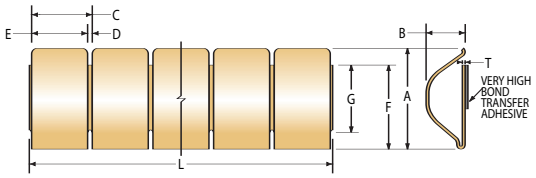
PDF Technical File

Visitors to this web site are authorized to download this information for reprints or electronic transfer to their technical reference files.



high deflection D-shape

WITH ADHESIVE MOUNT. Ideal for enclosure cabinet doors, or where great variations in mounting surfaces occur. Functional in a wide variety of applications, this series combines high dynamic range, very low compression force and long service life after repeated compressions. Installs easily with standard Very High Bond adhesive by peeling away the protective paper liner.



Part Number Bright Copper	Part Number Tin Plated	A	B	C	D	E	F	T	L	Number of (ref.) Fingers
SG738538CU	SG738538SN	.760 *19,3*	.250 *6,4*	.375 *9,52*	.040 *1,01*	.335 *8,51*	.470 *11,9*	.0045 *0,11*	24.0 *610,0*	64
SG700500CU	SG700500SN	.600 *15,2*	.230 *5,8*	.375 *9,52*	.032 *0,81*	.343 *8,71*	.500 *12,7*	.0038 *0,10*	24.0 *610,0*	64
SG720520CU	SG720520SN	.380 *9,7*	.140 *3,6*	.250 *6,35*	.022 *0,56*	.228 *5,79*	.310 *7,9*	.0030 *0,08*	16.0 *406,0*	64
SG740540CU	SG740540SN	.280 *7,1*	.110 *2,8*	.188 *4,78*	.018 *0,46*	.170 *4,32*	.230 *5,8*	.0027 *0,07*	16.0 *406,0*	85

Specifications:

Typical Attenuation: >100dB up to 1GHz

Material: Beryllium Copper alloy #C17200;
- – Precipitation hardened; Rockwell C45, Tensile@200Ksi
- – Electrical conductivity: 22% IACS
- – Composition by Weight %:
- - Be 1.80 to 2.00%
- - Co + Ni 0.20 min%
- - Co + Ni + Fe 0.6max%
- - Copper: balance
- – Density: 0.302 lb./cu.in.

Adhesive: Very High Bond acrylic pressure sensitive tape with liner; cures to full strength in 24 hours.
- – Peel Adhesion: stainless steel (ASTM D3575)
  - - 1 minute @ 5.5 p.s.i.
  - - 30 minutes @ 6.5 p.s.i.
  - - 24 hours @ 8.5 p.s.i.
- – Shear, hours to fail: stainless steel
  - - 300+ hours @ 1000 g/sq. in. @ 72˚F (21˚C)
- – Temperature Range: 0˚F to 200˚F (-18˚C to 90˚C)

For further technical information, please contact us at:

FerriShield®, INC.
Interference Control Components

Mulberry Professional Plaza • 426 Mulberry Street * Suite 300 • Scranton, PA 18503
Tel: 570.961.5617 • Fax: 570.969.6274 • e-mail: info@ferrishield.com
www.ferrishield.com
ISO 9001:2000 registered