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Hollow Metal Spring EMI Shielding Gasket

EMC and Thermal Management
Solutions



Fothershield

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HOLLOW METAL SPRING EMI SHIELDING GASKETS



Fothershield's hollow tube metal spring gaskets are an excellent alternative to conductive fabric over foam gaskets or as cable shielding. Available in cut lengths or in a continuous roll, the gaskets give minimum compression force and high resilience.

- No moisture absorption
- Be/cu >100dB at 10KHz to 1GHz, Stainless Steel >60dB at 100KHz to 1GHz
- 90% free height recovery after deflection during operative life
- Available in Beryllium Copper (BC), Beryllium Copper Tin Plated (BT), Stainless Steel (SS)
- Available in 1 metre lengths, cut to length or in continuous rolls
- Single or double wire
- RoHS compliant

How to Order

Part No.	Diameter (mm)	Material	Wire
FS-SG016	1.6	BC – Beryllium Copper	1 – Single Wire
FS-SG024	2.4	BT – Beryllium Copper Tin Plated	2 – Double Wire
FS-SG032	3.2	SS – Stainless Steel	
FS-SG048	4.8		
FS-SG080	8.0		
FS-SG095	9.5		
FS-SG111	11.1		
FS-SG127	12.7		

For example: FS-SG032-BC-2-1M = FS-SG032 (spring gasket 3.2 dia.) BC-2 (Beryllium Copper, 2 layers of wire) 1M (1 metre length).

Other sizes, configurations (such as P shape, Double P or D shape) or ready to mount finished gaskets (to customer's technical drawing) are available on application. Tolerances: 1.5mm -5mm ±0.4mm, 6mm-10mm ±0.6mm, >10mm ±0.8mm.

All technical data herein is accurate to the best of our knowledge based on our most up to date testing information and material specifications. This information is not presented as a warranty or guarantee and is not intended to be all inclusive as to conditions of use. The data herein represents typical properties and is not to be used as a basis for a specification.