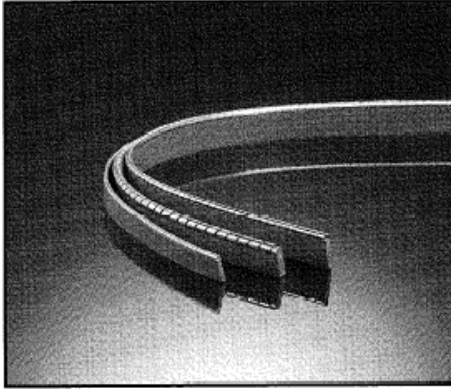
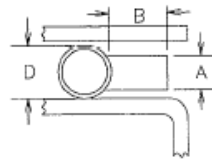


Strip Seal



Our Spira-Strip gasket has the excellent shielding properties of the Spira-Shield gasket while allowing you to surface mount the gasket. The gasket can also be used to provide an environmental seal.



Tin/lead plated beryllium copper spiral and solid silicone elastomer.

See page 49 for surface mounting information.

Spira-Strip Part Numbers (Tin/Lead Plated Beryllium Copper)						
Elastomer Thickness A	Elastomer Width B	Spiral Diameter D	Total Gasket Width	Standard Force*	Moderate Force	Low Force
.063"	.250"	.078"	.328"	SS-0522 /S	MS-0522 /S	LS-0522 /S
	.375"		SS-0523 /S	MS-0523 /S	LS-0523 /S	
	.500"		SS-0524 /S	MS-0524 /S	LS-0524 /S	
	.625"		SS-0525 /S	MS-0525 /S	LS-0525 /S	
.094"	.250"	.109"	.359"	SS-0732 /S	MS-0732 /S	LS-0732 /S
	.375"		SS-0733 /S	MS-0733 /S	LS-0733 /S	
	.500"		SS-0734 /S	MS-0734 /S	LS-0734 /S	
	.625"		SS-0735 /S	MS-0735 /S	LS-0735 /S	
.125"	.250"	.156"	.406"	SS-1042 /S	MS-1042 /S	LS-1042 /S
	.375"		SS-1043 /S	MS-1043 /S	LS-1043 /S	
	.500"		SS-1044 /S	MS-1044 /S	LS-1044 /S	
	.625"		SS-1045 /S	MS-1045 /S	LS-1045 /S	

* Standard force gaskets come without a cord.

Application Information

This gasket is made by attaching our Spira-Shield to a solid silicone elastomer which holds the spiral in place. The elastomer can also be used to achieve an environmental seal of up to one atmosphere. This gasket can be made into a custom Framed Gasket to your specifications (see page 29).

Materials

See page 53 for material specifications.

Spiral: Tin/lead plated beryllium copper.

Cord: 80 durometer PVC (hard plastic).

Elastomer: 40 durometer solid silicone rubber.

Shielding Quality

This gasket offers shielding quality from 86 dB to 165 dB. The shielding quality may vary depending on your specific application. Refer to page 40 for more complete performance data.

Compression Force Spira-Strip gaskets come in three different resiliencies shown below. Optimal compression of the gasket is 25% of the diameter of the spiral. Since the force to compress the gasket is a function of the cube of the thickness of the beryllium copper ribbon, the compression forces shown are approximate.
Standard Force: 30 pounds per linear inch compression.
Moderate Force: 10 pounds per linear inch compression.
Low Force: 1½ pounds per linear inch compression.

Note: The force to achieve an environmental seal is significantly greater than that required for the EMI seal.

Mounting This gasket is surface mounted and held in place either by punching holes in the elastomer and securing it with fasteners or by gluing the elastomer using an RTV adhesive. When using glue, take care to keep it off the spiral!

Available Options

Spiral Material Stainless steel spiral may be specified in the following way.
Replace SS with NI for standard force stainless steel spiral.
Replace MS with NM for moderate force stainless steel spiral.
Replace LS with NL for low force stainless steel spiral.

Plating The beryllium copper is typically electroplated, 90% tin, 10% lead per AMS-P-81728. This leaves the edges unplated. To specify edge plating add "E" to the beginning of the part number. Special platings such as cadmium, gold and others are available on special request.
See page 54 for material compatibility information.
E: Edge Tin/Lead Plating (Use in high humidity or salt fog environment)

Cord Insert Standard Force gaskets come without a cord. Moderate and low force gaskets come standard with a PVC cord to protect the spiral from over-compression during handling and use.
NC: No Cord

Special Cord Special cords including solid fluorosilicone, solid silicone and thermal plastic rubber are available in some sizes. Please call us for details.

Special Elastomer Spira-Strip gaskets come with a solid silicone elastomer. Occasionally, because of an environmental requirement, solid neoprene is needed. Because neoprene doesn't last as long as silicone, we don't recommend it in normal use, but you can specify it by dropping the "/S" in the part number. (For sponge elastomers please refer to the Quick-Strip data sheet on the next page.) A solid fluorosilicone elastomer is also available on special request.

Adhesive Backing Some sizes can be configured with an adhesive tape backing for easy attachment. Call for details.

Ordering Information

Spira-Strip is sold by the foot and typically packaged on cardboard flats except in small quantities. It can also be ordered cut-to-length in specific sizes or you can cut it yourself using a sharp pair of scissors.

RoHS Konformitäts-Erklärung



Dieses Produkt hält die EU Richtlinie 2015/863/EU (Restriction of Hazardous Substances 3) sowie 1907/2006 REACH ein und ist bleifrei.

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