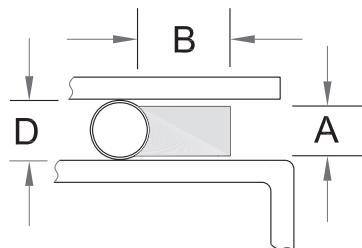


Our Spira-Strip gasket includes a solid silicone elastomer to surface mount the gasket and provide an environmental seal if needed. The standard configuration (shown below) includes a Spira-Shield gasket. See *Options* to specify a different spiral material as desired.



*Spiral on solid silicone elastomer.*

*See page 51 for surface mounting information.*

Gasket Dimensions				Spira-Strip Part Numbers (Spira-Shield Gasket)		
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"		.453"	SS-0523 /S	MS-0523 /S	LS-0523 /S
	.500"		.578"	SS-0524 /S	MS-0524 /S	LS-0524 /S
	.625"		.703"	SS-0525 /S	MS-0525 /S	LS-0525 /S
.094"	.250"	.109"	.359"	SS-0732 /S	MS-0732 /S	LS-0732 /S
	.375"		.484"	SS-0733 /S	MS-0733 /S	LS-0733 /S
	.500"		.609"	SS-0734 /S	MS-0734 /S	LS-0734 /S
	.625"		.734"	SS-0735 /S	MS-0735 /S	LS-0735 /S
.125"	.250"	.156"	.406"	SS-1042 /S	MS-1042 /S	LS-1042 /S
	.375"		.531"	SS-1043 /S	MS-1043 /S	LS-1043 /S
	.500"		.656"	SS-1044 /S	MS-1044 /S	LS-1044 /S
	.625"		.781"	SS-1045 /S	MS-1045 /S	LS-1045 /S

Moderate and low force gaskets come with a cord unless specified otherwise. (See *Options*).

\*All 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 be used to achieve an environmental seal of up to one atmosphere! This gasket can also be made into a custom Framed Gasket to your specifications. (See page 34).

### Materials

See page 55 for material specifications.

**Spiral:** Spira-Shield, Tin/lead plated beryllium copper. (See *Options* for others).

**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 44 for more complete performance data.

## Compression Force

Spira-Strip gaskets come in three different resiliencies (as shown below). Optimal compression of the gasket is 25% of the diameter of the spiral. The compression forces shown are approximate.

**Standard Force:** ~30 pounds per linear inch compression.

**Moderate Force:** ~10 pounds per linear inch compression.

**Low Force:** ~1.5 pounds per linear inch compression.

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

## Mounting

See page 51 for surface mounting information.

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

Specify a different spiral material by choosing the desired prefix from the table.

Example:  
**TNL-0523 NC /S**  
Spira-Strip with Ultra Quick-Shield Gasket Low Force, No Cord

	Spira-Shield	Quick & Ultra Quick-Shield	Enduro-Shield		Flexi-Shield	
Spiral:	Tin Plated BC	St. Steel	Tin Plated BC	St. Steel	Tin Plated BC	St. Steel
<b>Standard: Tin/Lead or No Plating</b>	SS (default) MS LS	NI NM NL	SISS SIMS SILS	SINI SINM SINL	ST MT LT	SQ MQ LQ
<b>Tin/Lead or Edge Plating Option (T or E)</b>	ESS EMS ELS	TNI TNM TNL	ESISS ESIMS ESILS	SITNI SITNM SITNL	EST EMT ELT	TSQ TMQ TLQ
<b>RoHS Tin Plating Option (IW)</b>	IWSS IWMS IWLS	IWNI IWNM IWNL	IWSISS IWSIMS IWSILS	IWSINI IWSINM IWSINL	IWST IWMT IWLTL	IWSQ IWMQ IWLQ
<b>RoHS Edge Tin Plating Option (EIW)</b>	EIWSS EIWMS EIWLS	--	EIWSISS EIWSIMS EIWSILS	--	EIWST EIWMT EIWLT	--

See page 56 for material compatibility information.

### Cord Insert

Standard Force gaskets come without a cord. Moderate and low force gaskets come standard with PVC cord to protect the spiral from over-compression. Specify "no cord" in moderate and low force gaskets as follows:

**NC:** No Cord (Example: **MS-1043 NC /S**)

### Special Cord

Special cords including solid fluorosilicone, solid silicone and thermal plastic rubber are available in some sizes. Please contact 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 see the Quick-Strip gasket on page 17). 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. Please contact us 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.

