

EMI

ENCLOSURE SHIELDING SOLUTIONS



**LEADER
TECH** 
a HEICO company

The Leading Edge In EMI Shielding Technology

1. OUR VISION *(An aspiration worthy to strive for)*

We are committed to being the most reliable and innovative supplier in the EMI/RFI industry, and as our name implies, the leader. In order to achieve this we will consistently strive to provide you with unparalleled service, innovation, and solutions.

2. OUR MISSION *(Our daily commitment to you)*

We are committed to consistently provide you with innovation and flexibility of design. Our engineering expertise and conscientious, outstanding customer service that will provide you with the right product, delivered on time. We are dedicated to making you look good to your customers. We want your repeat business.

3. OUR PRODUCTS *(Precision engineered to work in your application)*

We are committed to product excellence. We offer our patented Circuit Board Shields (CBS), an extensive range of copper beryllium (CuBE), a Conductive Elastomer product line, TechVENT Honeycomb Panels, TechMESH knitted mesh, microwave absorbers, and FerriShield Ferrites. Using this diverse product line, Leader Tech is positioned to provide you with a 'total shielding solution' for all of your EMI/RFI shielding requirements.

4. OUR FACILITIES *(Continually expanding to meet your needs)*

Leader Tech is committed to expansion wherever and whenever necessary. We are constantly expanding our hardware and software capabilities while investing in new equipment to manufacture and deliver the most precise and cost efficient shielding in the industry. Through the continuous support and backing of our parent company HEICO, the possibilities for new space and equipment are an ever-present reality.

5. OUR SERVICES *(Consistent reliability each time you order)*

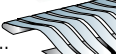
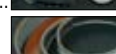
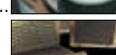
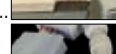
We are committed to excellent service. Our staff undergoes a rigorous daily product, sales, and service training in order to serve you better. We want your calls answered by a person, not a machine, someone trained to qualify your needs and get answers to you when you need them. At Leader Tech we believe that the right people and the right equipment go hand in hand.



ISO 9001: 2008
CERTIFIED



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Application of Fingerstock Gaskets

EMI designers know and trust the consistent performance of Fingerstock (CuBe) gaskets. To date, CuBe yields the best electrical spring contact available in this industry. The copper beryllium mills have well established techniques and for decades have produced CuBe alloys per ASTM, SAE, JIS, and DIN specifications.

Leader Tech uses only proven technology in creating copper beryllium springs, contacts and gaskets. Beginning with Alloy 25 (1/4 hard) BeCu we stamp, form, and post heat-treat to a hardness of 340 to 390 DPH. This process is preferred in the EMI shielding industry because it has proven to produce the best electrical spring contacts. Leader Tech CuBe EMI shielding gaskets are the most reliable in the industry.

Leader Tech manufactures a wide variety of standard styles and sizes of CuBe gaskets. These gaskets operate in spaces from .010 inches up to .410 inches. Using CuBe materials as thin as .002 inch, we also offer many styles as soft gaskets that provide the low compression force needed in many applications. Leader Tech also designs and manufactures custom spring contacts and gaskets.

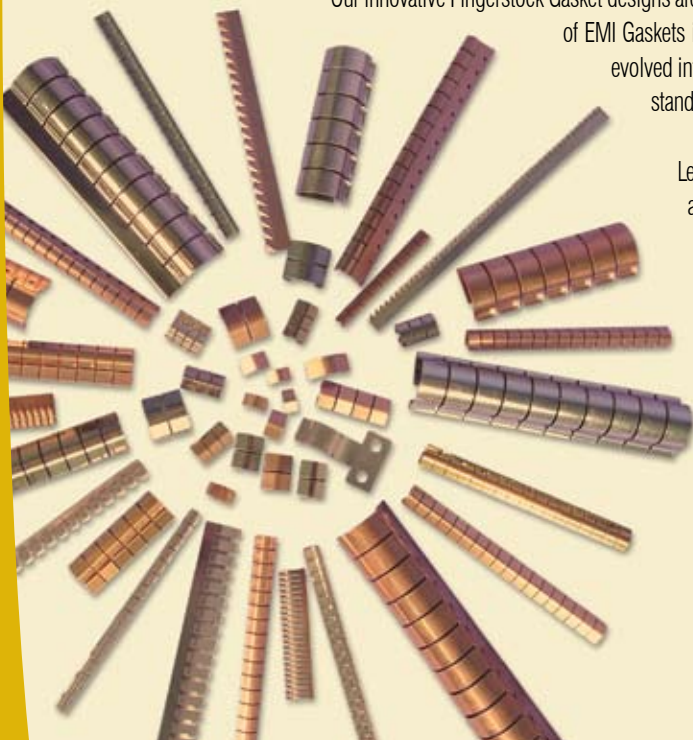
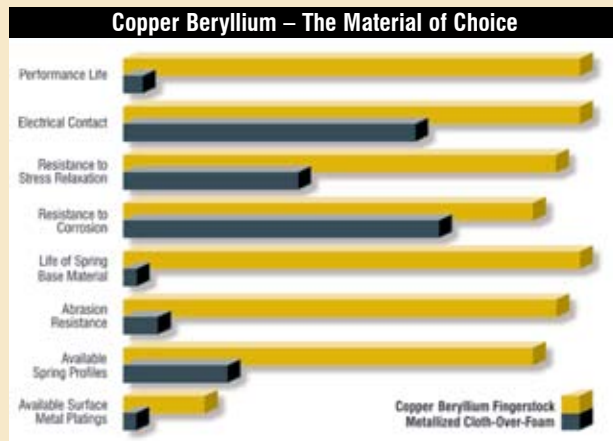
Fingerstock Gaskets do two things very well:

1. Their mechanical spring characteristics far surpass all other gaskets in the industry.
2. They offer the highest EMI shielding effectiveness.

Leader Tech has been designing and manufacturing Fingerstock Gaskets since the early days of the computer and electronics industries. We combine these years of manufacturing and EMI experience with one key ingredient – the needs of the customer.

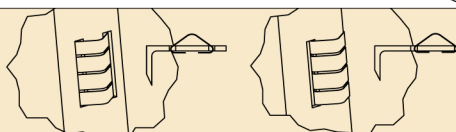
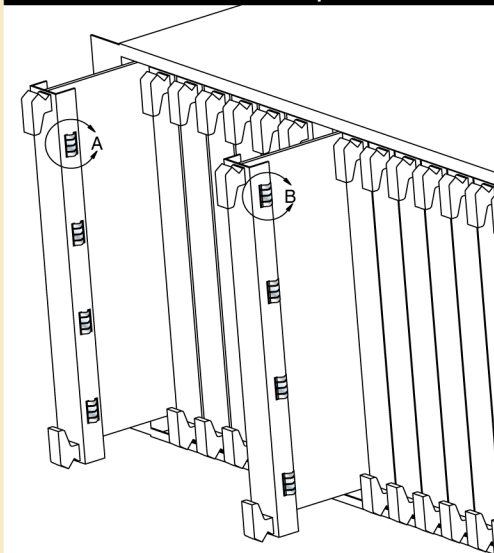
Our innovative Fingerstock Gasket designs are a direct result of our experience and customer input. Our Compact PCI line of EMI Gaskets is an example of a design that was driven by the needs of a customer and evolved into a line of gaskets that meet all the requirements for Compact PCI faceplate standards while providing superior mechanical and shielding performance.

Leader Tech offers many standard off-the-shelf Fingerstock Gaskets as well as the engineering and custom manufacturing experience to help you solve your application. Whether you need one prototype or a large quantity order, our Team at Leader Tech is available to respond to your needs.



Mounting Concepts

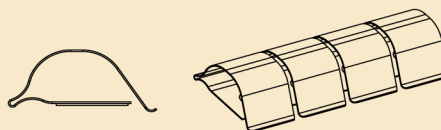
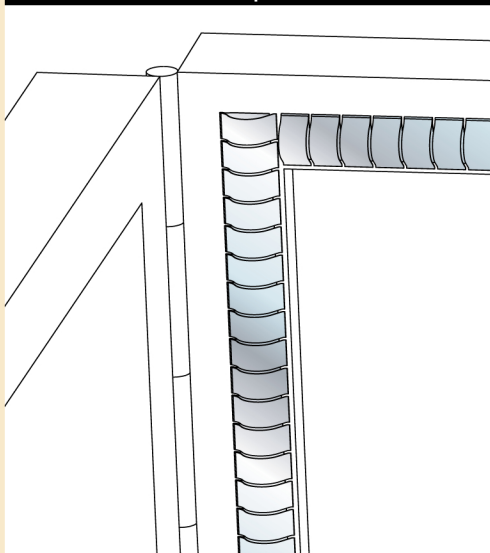
Slot Mount Series | see page 4



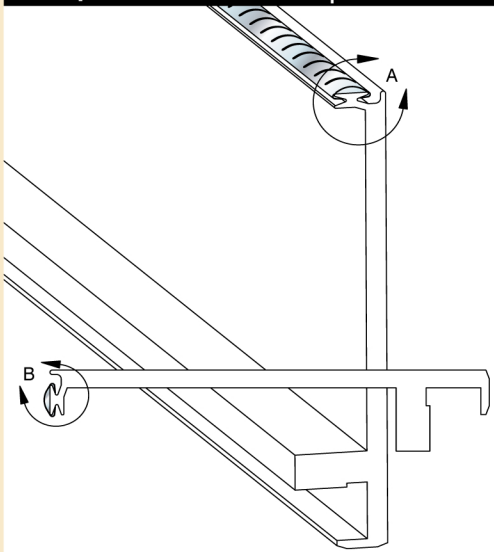
Detail A
Dual Slot Installation

Detail B
Single Slot Installation

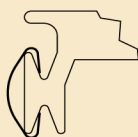
Folded Series | see page 8



Compact PCI Series | see page 7

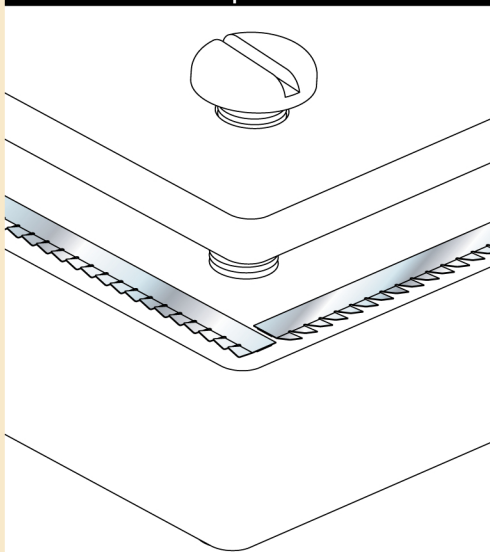


Detail A



Detail B

Twist Series | see page 10





Slot Mount Series

Slot mount gaskets are a standard in the electronic enclosure industry. These gaskets are used in shorter lengths as ESD contacts and longer lengths as EMI gaskets, which clip into slots or slide onto mounted tracks.

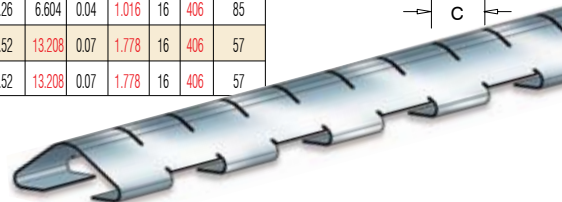
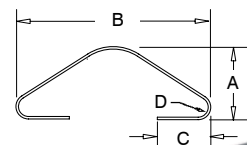
AF		Alternate Finger Slot Mount												Black = inches										Red= mm		
P/N	A		B		Finger		Pitch		Mat. Thick		C		D		*E		*F Recommended		*G		Length		Fingers			
11-32AF-XX-16	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.004	0.102	0.085	2.159	0.020	0.508	0.09	2.286	0.26	6.604	0.04	1.016	16	406	85			
11-S-32AF-XX-16	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.085	2.159	0.020	0.508	0.09	2.286	0.26	6.604	0.04	1.016	16	406	85			
22-60AF-XX-16	0.22	5.59	0.60	15.24	0.250	6.35	0.282	7.16	0.005	0.127	0.140	3.556	0.035	0.889	0.14	3.556	0.52	13.208	0.07	1.778	16	406	57			
22-S-60AF-XX-16	0.22	5.59	0.60	15.24	0.250	6.35	0.282	7.16	0.003	0.080	0.140	3.556	0.035	0.889	0.14	3.556	0.52	13.208	0.07	1.778	16	406	57			



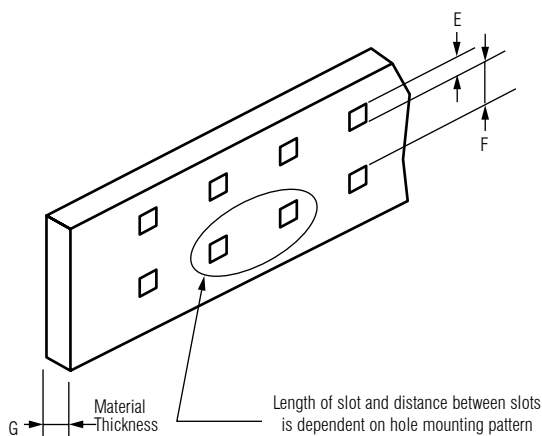
**MOUNTING
OPTIONS**
■ Slot

*May vary depending on application

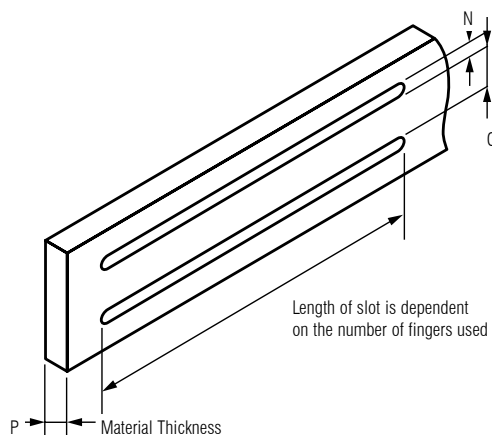
XX - Select material/finish (see page 16)



Alternate Finger Mounting Hole Recommendations

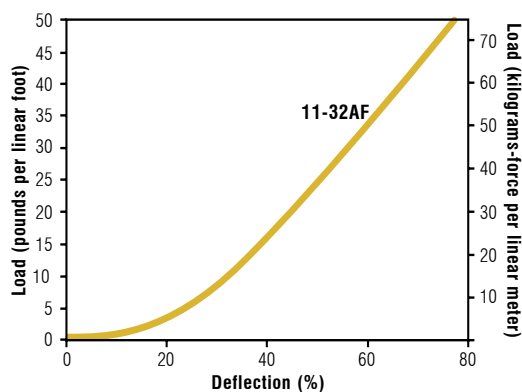


RH Mounting Hole Pattern



Compression/Deflection

(Alternate Finger Slot Mount Series)



Slot Mount Series (cont.)

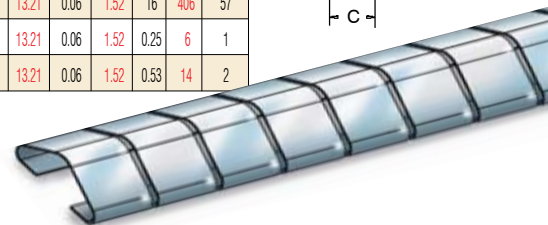
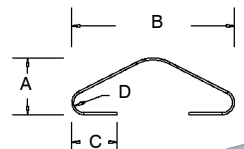
RH		Slot Mount										Black = inches										Red= mm		
P/N	A	B		Finger		Pitch		Mat. Thick		C		D		*N		*O		*P		Length		Fingers		
Recommended																								
11-28RH-XX-16	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.003	0.076	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	16	406	86	
11-28RH-XX-17	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.003	0.076	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.17	4	1	
11-28RH-XX-36	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.003	0.076	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.36	9	2	
11-28RH-XX-54	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.003	0.076	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.54	14	3	
11-28RH-XX-73	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.003	0.076	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.73	19	4	
11-S-28RH-XX-16	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.002	0.050	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	16	406	86	
11-S-28RH-XX-17	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.002	0.050	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.17	4	1	
11-S-28RH-XX-36	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.002	0.050	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.36	9	2	
11-S-28RH-XX-54	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.002	0.050	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.54	14	3	
11-S-28RH-XX-73	0.11	2.80	0.28	7.11	0.169	4.30	0.187	4.75	0.002	0.050	0.075	1.90	0.02	0.76	0.09	2.29	0.22	5.59	0.04	1.02	0.73	19	4	
11-32RH-XX-16	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.003	0.102	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	16	406	86	
11-32RH-XX-17	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.003	0.102	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.17	4	1	
11-32RH-XX-36	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.003	0.102	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.36	9	2	
11-32RH-XX-54	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.003	0.102	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.54	14	3	
11-32RH-XX-73	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.003	0.102	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.73	19	4	
11-S-32RH-XX-16	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	16	406	86	
11-S-32RH-XX-17	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.17	4	1	
11-S-32RH-XX-36	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.36	9	2	
11-S-32RH-XX-54	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.54	14	3	
11-S-32RH-XX-73	0.11	2.80	0.32	8.10	0.169	4.30	0.187	4.75	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.26	6.60	0.04	1.02	0.73	19	4	
13-30RH-XX-16	0.13	3.30	0.30	7.62	0.169	4.30	0.187	4.75	0.004	0.102	0.09	2.29	0.03	0.76	0.09	2.29	0.25	6.35	0.05	1.27	16	406	86	
13-37RH-XX-16	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.003	0.080	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	16	406	64	
13-37RH-XX-23	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.003	0.080	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.23	5.7	1	
13-37RH-XX-48	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.003	0.080	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.48	12.1	2	
13-37RH-XX-73	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.003	0.080	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.73	18.4	3	
13-37RH-XX-98	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.003	0.080	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.98	24.8	4	
13-S-37RH-XX-16	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	16	406	64	
13-S-37RH-XX-23	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.23	5.7	1	
13-S-37RH-XX-48	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.48	12.1	2	
13-S-37RH-XX-73	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.73	18.4	3	
13-S-37RH-XX-98	0.13	3.30	0.37	9.40	0.225	5.72	0.250	6.35	0.002	0.050	0.09	2.29	0.02	0.51	0.09	2.29	0.31	7.87	0.04	1.02	0.98	24.8	4	
22-60RH-XX-16	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.005	0.130	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	16	406	57	
22-60RH-XX-25	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.005	0.130	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	0.25	6.4	1	
22-60RH-XX-53	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.005	0.130	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	0.53	13.5	2	
22-S-60RH-XX-16	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.003	0.080	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	16	406	57	
22-S-60RH-XX-25	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.003	0.080	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	0.25	6	1	
22-S-60RH-XX-53	0.22	5.60	0.60	15.20	0.250	6.40	0.282	7.16	0.003	0.080	0.14	3.56	0.04	1.02	0.14	3.56	0.52	13.21	0.06	1.52	0.53	14	2	



**MOUNTING
OPTIONS**
■ Slot

*May vary depending on application

XX - Select material/finish (see page 16)





Adhesive Mount Series

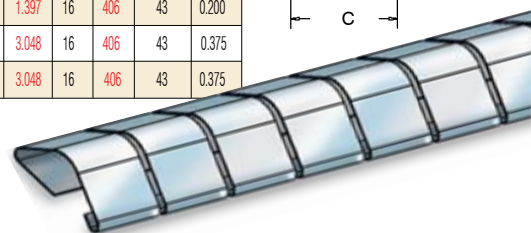
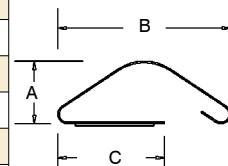
AH Adhesive Mount		Black = inches Red= mm Comp = Compressed																			
P/N	A	B	Finger	Pitch	Mat. Thick	C	Comp Width	Comp Height	Length	Fingers	Tape										
11-32AH-XX-16	0.11	2.80	0.32	8.10	0.170	4.30	0.188	4.80	0.003	0.080	0.200	5.100	0.390	9.910	0.04	1.016	16	406	86	0.145	
11-S-32AH-XX-16	0.11	2.80	0.32	8.10	0.170	4.30	0.188	4.80	0.002	0.050	0.200	5.100	0.390	9.910	0.04	1.016	16	406	86	0.145	
13-37AH-XX-16	0.13	3.30	0.37	9.40	0.225	5.70	0.250	6.40	0.003	0.080	0.210	5.300	0.510	12.950	0.05	1.143	16	406	64	0.145	
13-S-37AH-XX-16	0.13	3.30	0.37	9.40	0.225	5.70	0.250	6.40	0.002	0.050	0.210	5.300	0.510	12.950	0.05	1.143	16	406	64	0.145	
14-38AH-XX-16	0.14	3.56	0.38	9.65	0.343	8.71	0.375	9.53	0.004	0.102	0.200	5.080	0.525	13.340	0.05	1.270	16	406	43	0.145	
22-60AH-XX-16	0.22	5.60	0.60	15.24	0.344	8.74	0.375	9.50	0.005	0.130	0.280	7.100	0.730	18.540	0.06	1.397	16	406	43	0.200	
22-S-60AH-XX-16	0.22	5.60	0.60	15.24	0.344	8.74	0.375	9.50	0.003	0.080	0.280	7.100	0.730	18.540	0.06	1.397	16	406	43	0.200	
32-78AH-XX-16	0.32	8.10	0.78	19.80	0.344	8.74	0.375	9.50	0.004	0.102	0.450	11.400	0.980	24.890	0.12	3.048	16	406	43	0.375	
32-S-78AH-XX-16	0.32	8.10	0.78	19.80	0.344	8.74	0.375	9.50	0.003	0.080	0.450	11.400	0.980	24.890	0.12	3.048	16	406	43	0.375	



MOUNTING OPTIONS
■ Tape

The AH series gaskets are adhesive mounted general-purpose gaskets used in both compression and wiping applications. Sizes range from .11" (2.8mm) to .32" (8.1 mm) in height. Applications include electronic enclosures, shielded cabinets, and MRI chamber doors.

XX - Select material/finish (see page 16)



Dome Top Series

The Dome Top Gaskets are known for their large surface area for electrical contact and smooth wiping action. Also available in a solid top profile allowing for omni-directional wiping. Together with the Slot Mount Series, the Dome Top Gaskets are a mainstay in the enclosure/chassis industries. Commonly mounted with adhesive tape.

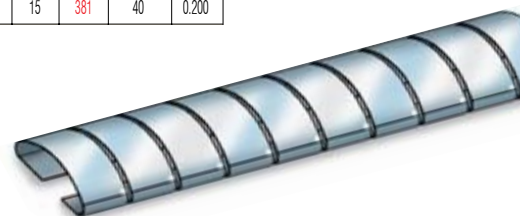
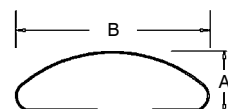
DT Dome Top		Black = inches Red= mm Comp = Compressed																		
P/N	A		B		Finger		Pitch		Mat. Thick		Comp Width		Comp Height		Length		Fingers	Tape		
11-35DT-XX-15	0.11	2.79	0.35	8.89	0.169	4.29	0.187	4.75	0.003	0.076	0.38	9.65	0.055	1.40	15	381	80	0.100		
11-S-35DT-XX-15	0.11	2.79	0.35	8.89	0.169	4.29	0.187	4.75	0.002	0.050	0.38	9.65	0.055	1.40	15	381	80	0.100		
14-45DT-XX-15	0.14	3.56	0.45	11.4	0.228	5.79	0.250	6.35	0.003	0.076	0.51	13.0	0.070	1.78	15	381	60	0.100		
14-S-45DT-XX-15	0.14	3.56	0.45	11.4	0.228	5.79	0.250	6.35	0.002	0.050	0.51	13.0	0.070	1.78	15	381	60	0.100		
22-62DT-XX-15	0.22	5.59	0.62	15.7	0.345	8.76	0.375	9.53	0.004	0.102	0.76	19.3	0.100	2.54	15	381	40	0.200		
22-S-62DT-XX-15	0.22	5.59	0.62	15.7	0.345	8.76	0.375	9.53	0.003	0.076	0.76	19.3	0.100	2.54	15	381	40	0.200		



MOUNTING OPTIONS
■ Tape

The Dome Top gaskets have fully independent fingers that are adhesive mounted. Their smooth curve provides a large area for electrical contact and smooth wiping action.

XX - Select material/finish (see page 16)



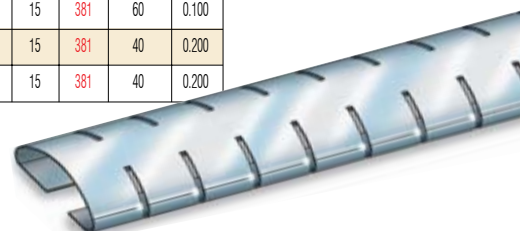
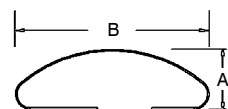
DTS Dome Top Solid		Black = inches Red= mm Comp = Compressed																	
P/N	A		B		Finger		Pitch		Mat. Thick		Comp Width		Comp Height		Length		Fingers	Tape	
11-35DTS-XX-15	0.11	2.79	0.35	8.89	0.169	4.29	0.187	4.75	0.003	0.076	0.38	9.65	0.055	1.40	15	381	80	0.100	
11-S-35DTS-XX-15	0.11	2.79	0.35	8.89	0.169	4.29	0.187	4.75	0.002	0.050	0.38	9.65	0.055	1.40	15	381	80	0.100	
14-45DTS-XX-15	0.14	3.56	0.45	11.4	0.250	6.35	0.250	6.35	0.003	0.076	0.51	13.0	0.070	1.78	15	381	60	0.100	
14-S-45DTS-XX-15	0.14	3.56	0.45	11.4	0.250	6.35	0.250	6.35	0.002	0.050	0.51	13.0	0.070	1.78	15	381	60	0.100	
22-62DTS-XX-15	0.22	5.59	0.62	15.7	0.345	8.76	0.375	9.53	0.004	0.102	0.76	19.3	0.100	2.54	15	381	40	0.200	
22-S-62DTS-XX-15	0.22	5.59	0.62	15.7	0.345	8.76	0.375	9.53	0.003	0.076	0.76	19.3	0.100	2.54	15	381	40	0.200	



MOUNTING OPTIONS
■ Tape

The Dome Top "Solid" Series gaskets have a strip that connects each finger along the top. This allows for unique wiping action without snagging. Other features are the same as the Dome Top Series.

XX - Select material/finish (see page 16)



Low Profile Series

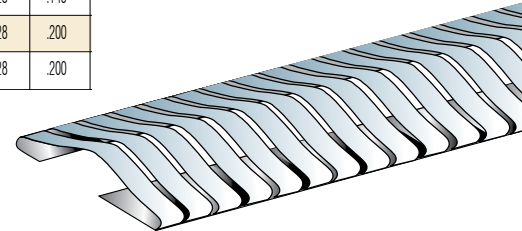
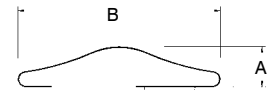
LPAH Low Profile Adhesive Mount													Black = inches	Red = mm
P/N	A		B		Finger		Pitch		Mat. Thick		Length	Fingers	Tape	
8-45LPAH-XX-16	0.08	2.0	0.45	11.4	0.10	2.5	0.125	3.18	0.004	.100	16	406	128	.145
8-S-45LPAH-XX-16	0.08	2.0	0.45	11.4	0.10	2.5	0.125	3.18	0.003	0.08	16	406	128	.145
12-60LPAH-XX-16	0.12	3.0	0.60	15.2	0.10	2.5	0.125	3.18	0.004	.100	16	406	128	.200
12-S-60LPAH-XX-16	0.12	3.0	0.60	15.2	0.10	2.5	0.125	3.18	0.003	0.08	16	406	128	.200



MOUNTING OPTIONS
■ Tape

The low profile series gaskets incorporate design features that allow for some of the lowest compression forces in the industry, while achieving high performance shielding effectiveness. These gaskets are ideally suited for small aperture applications.

XX - Select material/finish (see page 16)

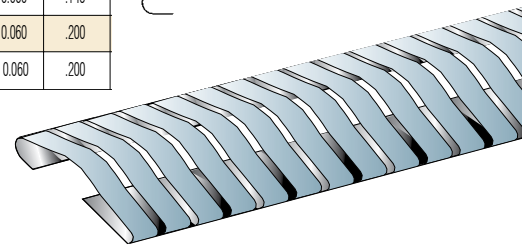
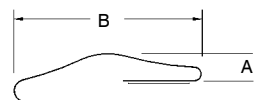


LPC Low Profile Clip													Black = inches	Red = mm
P/N	A		B		Finger		Pitch		Mat. Thick		Length	Fingers	Clip ID	Tape
8-45LPC-060-XX-16	0.06	1.52	0.45	11.4	0.10	2.5	0.125	3.18	0.004	.100	16	406	128	0.060 .145
8-S-45LPC-060-XX-16	0.06	1.52	0.45	11.4	0.10	2.5	0.125	3.18	0.003	0.08	16	406	128	0.060 .145
12-60LPC-060-XX-16	0.09	2.29	0.60	15.2	0.10	2.5	0.125	3.18	0.004	.100	16	406	128	0.060 .200
12-S-60LPC-060-XX-16	0.09	2.29	0.60	15.2	0.10	2.5	0.125	3.18	0.003	0.08	16	406	128	0.060 .200



MOUNTING OPTIONS
■ Clip
■ Tape

XX - Select material/finish (see page 16)



PCI Series

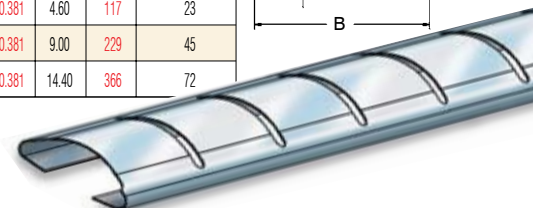
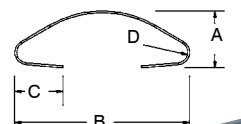
High performance Compact PCI Gaskets designed for easy card insertion in rack mount applications. This gasket is available in two different sizes to accommodate different customer extrusions. They are available in both Copper Beryllium and Stainless Steel.

PCI Contact																Black = inches	Red = mm
P/N	A		B		Finger		Pitch		Mat. Thick		C	D	Length		Fingers		
7-19PCI-XX-4.6	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	4.60	117	23
7-19PCI-XX-9.0	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	9.00	229	45
7-19PCI-XX-14.40	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	14.40	366	72
7-19PCI-SS-4.6	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	4.60	117	23
7-19PCI-SS-9.0	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	9.00	229	45
7-19PCI-SS-14.40	0.067	1.7	0.177	4.5	0.18	4.6	0.2	5.1	0.002	0.050	0.050	1.270	0.011	0.279	14.40	366	72
8-19PCI-XX-4.6	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	4.60	117	23
8-19PCI-XX-9.0	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	9.00	229	45
8-19PCI-XX-14.40	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	14.40	366	72
8-19PCI-SS-4.6	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	4.60	117	23
8-19PCI-SS-9.0	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	9.00	229	45
8-19PCI-SS-14.40	0.067	1.7	0.190	4.8	0.18	4.6	0.2	5.1	0.002	0.050	0.045	1.143	0.015	0.381	14.40	366	72



MOUNTING OPTIONS
■ Extrusion

XX - Select material/finish (see page 16)





Folded Series

Leader Tech's Folded Gasket series are industry standard general-purpose gaskets that allow a large range of deflection and compression forces. These gaskets are available with or without tape for alternate attachment methods. Also available in a snag-free version where, under compression, the leading edge of the gasket slides into an extended and folded base which prevents possible damage to the gasket.

FS Folded		Black = inches Red = mm															
P/N	A	B	Finger		Pitch		Mat. Thick		C	Comp Length		Comp Height		Length		Fingers	Tape
11-28-FS-XX-16	0.11	2.79	0.28	7.11	0.170	4.32	0.188	4.78	0.003	0.076	0.24	5.842	0.37	9.4	0.065	1.65	16 406 85 0.145
11-S-28-FS-XX-16	0.11	2.79	0.28	7.11	0.170	4.32	0.188	4.78	0.002	0.050	0.24	5.842	0.37	9.4	0.065	1.65	16 406 85 0.145
14-37FS-XX-16	0.14	3.56	0.37	9.40	0.228	5.79	0.250	6.35	0.003	0.076	0.32	7.874	0.50	12.7	0.100	2.54	16 406 64 0.200
14-37FS-XX-300	0.14	3.56	0.37	9.40	0.228	5.84	0.250	6.35	0.003	0.076	0.32	7.874	0.50	12.7	0.100	2.54	300 7620 1200 0.200
14-S-37FS-XX-16	0.14	3.56	0.37	9.40	0.228	5.79	0.250	6.35	0.002	0.050	0.31	7.874	0.50	12.7	0.100	2.54	16 406 64 0.200
23-60FS-XX-24	0.23	5.84	0.60	15.24	0.343	8.71	0.375	9.53	0.004	0.102	0.50	12.700	0.77	19.6	0.115	2.92	24 610 64 0.250
23-S-60FS-XX-24	0.23	5.84	0.60	15.24	0.343	8.71	0.375	9.53	0.003	0.076	0.50	12.700	0.77	19.6	0.115	2.92	24 610 64 0.250
25-78FS-XX-24	0.25	6.35	0.78	19.81	0.335	8.51	0.375	9.53	0.005	0.127	0.53	13.462	0.94	23.9	0.115	2.92	24 610 64 0.375
25-78FS-XX-300	0.25	6.35	0.78	19.81	0.340	8.64	0.375	9.53	0.005	0.127	0.53	13.462	0.94	23.9	0.150	3.81	300 7620 800 0.375
25-S-78FS-XX-24	0.25	6.35	0.78	19.81	0.335	8.51	0.375	9.53	0.003	0.076	0.53	13.462	0.94	23.9	0.150	3.81	24 610 64 0.375
25-S-78FS-XX-300	0.25	6.35	0.78	19.81	0.335	8.51	0.375	9.53	0.003	0.076	0.53	13.462	0.94	23.9	0.150	3.81	300 7620 800 0.375
41-113FS-XX-12	0.41	10.41	1.13	28.78	0.460	11.68	0.500	12.57	0.007	0.178	0.80	20.320	1.94	49.3	0.230	.584	12 305 24 0.375



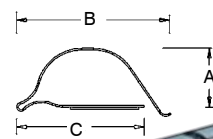
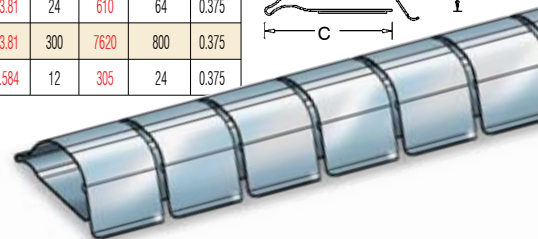
Directional Force

MOUNTING OPTIONS

- Tape
- Solder
- Rivet

The Leader Tech FS gaskets are industry standard general-purpose gaskets that allow a large range of deflection and compression forces. These gaskets are available without tape for alternate attachment methods. Consult factory for information.

XX - Select material/finish (see page 16)



FSC Folded		Black = inches Red = mm															
P/N	A		B		Finger		Pitch		Mat. Thick		Comp Height		Length		Fingers	Tape	
8-25FSC-XX-16	0.08	2.03	0.250	6.35	0.170	4.32	0.188	4.78	0.003	0.076	0.048	1.22	16	406	85	0.250	
11-37FSC-XX-16	0.11	2.79	0.375	9.5	0.170	4.3	0.188	4.8	0.003	0.076	0.065	1.65	16	406	85	0.250	
11-S-37FSC-XX-16	0.11	2.79	0.375	9.5	0.170	4.3	0.188	4.8	0.002	0.050	0.065	1.65	16	406	85	0.250	
14-51FSC-XX-16	0.14	3.56	0.510	13.0	0.228	5.8	0.250	6.4	0.003	0.076	0.100	2.54	16	406	64	0.250	
14-S-51FSC-XX-16	0.14	3.56	0.510	13.0	0.228	5.8	0.250	6.4	0.002	0.050	0.100	2.54	16	406	64	0.375	
23-76FSC-XX-24	0.23	5.84	0.760	19.3	0.343	8.7	0.375	9.5	0.004	0.102	0.115	2.92	24	610	64	0.375	



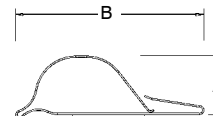
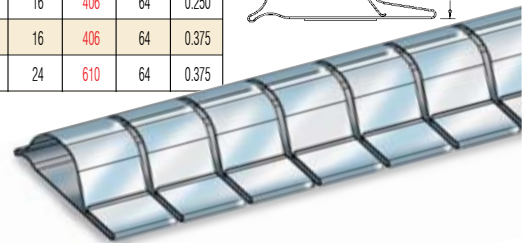
Directional Force

MOUNTING OPTIONS

- Tape
- Solder
- Rivet

The FSC was created to provide snag free gaskets with FS gasket features. The base of the gasket is extended from the mounting area and then folded up, over, down, and then comes to rest over the leading edge of the formed spring. Under compression, the leading edge of the gasket slides under and is "captured." This "no snag" feature is also used to prevent possible gasket damage.

XX - Select material/finish (see page 16)



Folded Series (cont.)

FSV Folded		Black = inches Red = mm Comp = Compressed																					
P/N	A	B		Finger	Pitch	Mat. Thick		Comp Width		Comp Height		C	Hole Spacing		Hole Diameter		Length		Fingers				
11-28FSV23-XX-16	0.11	2.8	0.28	7.1	0.170	4.3	0.188	4.8	0.003	0.076	0.37	9.4	0.065	1.65	0.24	6.1	0.80	20.3	0.06	1.52	16	406	85
11-S-28FSV23-XX-16	0.11	2.8	0.28	7.1	0.170	4.3	0.188	4.8	0.002	0.051	0.37	9.4	0.065	1.65	0.24	6.1	0.80	20.3	0.06	1.52	16	406	85
14-37FSV30-XX-16	0.14	3.6	0.37	9.4	0.228	5.8	0.250	6.4	0.003	0.076	0.50	12.7	0.100	2.54	0.32	8.1	0.80	20.3	0.06	1.52	16	406	64
14-S-37FSV30-XX-16	0.14	3.6	0.37	9.4	0.228	5.8	0.250	6.4	0.002	0.051	0.50	12.7	0.100	2.54	0.32	8.1	0.80	20.3	0.06	1.52	16	406	64
23-60FSV50-XX-24	0.23	5.8	0.60	15.2	0.343	8.7	0.375	9.5	0.004	0.097	0.77	19.6	0.115	2.92	0.50	12.7	0.31	7.87	0.08	2.03	24	610	64
23-S-60FSV50-XX-24	0.23	5.8	0.60	15.2	0.343	8.7	0.375	9.5	0.002	0.051	0.77	19.6	0.115	2.92	0.50	12.7	0.31	7.87	0.08	2.03	24	610	64
25-78FSV50-XX-24	0.25	6.4	0.78	19.8	0.335	8.5	0.375	9.5	0.005	0.127	0.94	23.9	0.150	3.81	0.50	12.7	0.38	9.65	0.14	3.56	24	610	64
25-S-78FSV50-XX-24	0.25	6.4	0.78	19.8	0.335	8.5	0.375	9.5	0.003	0.076	0.94	23.9	0.150	3.81	0.50	12.7	0.38	9.65	0.14	3.56	24	610	64
41-113FSV-XX-12	0.41	10.41	1.13	28.70	0.460	11.68	0.500	12.7	0.007	0.178	0.750	19.05	0.380	9.65	0.80	20.32	0.56	14.2	0.14	3.56	12	305	24

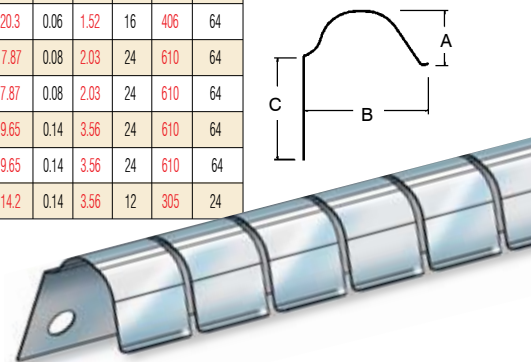


MOUNTING OPTIONS

- Tape
- Rivet
- Weld
- Solder

The FSV is an FS gasket that has the base bent at a right angle to the curve of the spring form, with all the other features of the FS gasket maintained. Tape optional - please consult factory.

XX - Select material/finish (see page 16)



FSDS Folded		Black = inches Red= mm Comp = Compressed																				
P/N	A		B		Finger		Pitch		Comp Width		Comp Height		C		D		Mat. Thick		Length		Fingers	
25-109FSDS-XX-24	0.25	6.4	1.09	27.7	0.335	8.5	0.375	9.5	1.27	32.26	0.150	3.81	0.16	4.06	.140	4.06	0.005	0.127	24	610	64	
25-109FSDS-XX-300	0.25	6.4	1.09	27.7	0.335	8.5	0.375	9.5	1.27	32.26	0.150	3.81	0.16	4.06	.140	4.06	0.005	0.127	300	7620	800	
25-S-109FSDS-XX-24	0.25	6.4	1.09	27.7	0.335	8.5	0.375	9.5	1.27	32.26	0.150	3.81	0.16	4.06	.140	4.06	0.003	0.076	24	610	64	
25-S-109FSDS-XX-300	0.25	6.4	1.09	27.7	0.335	8.5	0.375	9.5	1.27	32.26	0.150	3.81	0.16	4.06	.140	4.06	0.003	0.076	300	7620	800	
41-163FSDS-XX-24	0.41	10.4	1.63	41.4	0.460	11.7	0.500	12.7	1.90	48.26	0.230	5.84	0.19	4.83	.140	3.56	0.007	0.178	24	610	64	
41-163FSDS-XX-300	0.41	10.4	1.63	41.4	0.460	11.7	0.500	12.7	1.90	48.26	0.230	5.84	0.19	4.83	.140	3.56	0.007	0.178	300	7620	800	

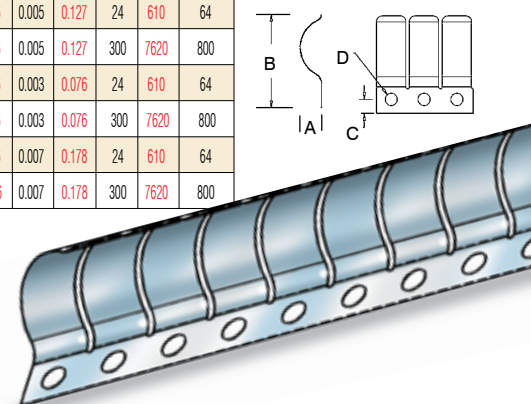


MOUNTING OPTIONS

- Tape
- Rivet
- Weld
- Solder

The FSDS is an FS gasket with its base lying on the same plane as the curve in the spring form, with the mounting area shortened. This mounting is often modified for custom applications.

XX - Select material/finish (see page 16)





Twist Series

The Twist series gaskets are designed for demanding compression applications. This series can compress to material thickness and provide excellent shielding performance. Profiles include standard flat, right angle, double twist and clip-on.

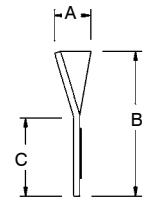
T Twist											Black = inches					Red= mm	
P/N	A		B		C		Finger		Pitch		Mat. Thick		Length		Fingers	Tape	
3-20T-XX-24-NTP	0.03	0.76	0.20	5.08	0.11	2.79	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	n/a	
3-20T-XX-24	0.03	0.76	0.20	5.08	0.11	2.79	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	0.100	
3-20T-XX-300	0.03	0.76	0.20	5.08	0.14	3.56	0.08	2.03	0.095	2.41	0.003	0.076	300	7620	3158	0.100	
3-23T-XX-24-NTP	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	n/a	
3-23T-XX-24	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	0.100	
3-23T-XX-300	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.003	0.076	300	7620	3158	0.100	
3-S-23T-XX-24-NTP	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.002	0.051	24	610	253	n/a	
3-S-23T-XX-24	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.002	0.051	24	610	253	0.100	
3-S-23T-XX-300	0.03	0.76	0.23	5.84	0.14	3.56	0.08	2.03	0.095	2.41	0.002	0.051	300	7620	3158	0.100	
6-30T-XX-24-NTP	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	n/a	
6-30T-XX-24	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	0.100	
6-30T-XX-300	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.003	0.076	300	7620	1818	0.100	
6-S-30T-XX-24-NTP	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	n/a	
6-S-30T-XX-24	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	0.145	
6-S-30T-XX-300	0.07	1.78	0.30	7.62	0.15	3.81	0.15	3.81	0.165	4.19	0.002	0.051	300	7620	1818	0.145	
6-34T-XX-24-NTP	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	n/a	
6-34T-XX-24	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	0.145	
6-34T-XX-300	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	300	7620	1818	0.145	
6-S-34T-XX-24-NTP	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	n/a	
6-S-34T-XX-24	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	0.145	
6-S-34T-XX-300	0.07	1.78	0.34	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	300	7620	1818	0.145	



**MOUNTING
OPTIONS**

- Tape
- Solder

XX - Select material/finish (see page 16)
NTP = No Tape



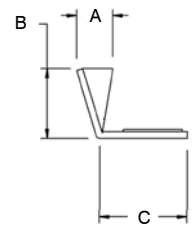
TV Twist										Black = inches Red= mm							
P/N	A		B		C		Finger		Pitch		Mat. Thick		Length		Fingers	Tape	
3-23TV-XX-24-NTP	0.03	0.76	0.08	2.03	0.16	4.06	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	n/a	
3-23TV-XX-24	0.03	0.76	0.08	2.03	0.16	4.06	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	0.100	
3-23TV30-XX-24	0.03	0.76	0.08	2.03	0.30	7.62	0.08	2.03	0.095	2.41	0.003	0.076	24	610	253	0.250	
3-S-23TV-XX-24-NTP	0.03	0.76	0.08	2.03	0.16	4.06	0.08	2.03	0.095	2.41	0.002	0.051	24	610	253	n/a	
3-S-23TV-XX-24	0.03	0.76	0.08	2.03	0.16	4.06	0.08	2.03	0.095	2.41	0.002	0.051	24	610	253	0.100	
3-S-23TV30-XX-300	0.03	0.76	0.08	2.03	0.30	7.62	0.08	2.03	0.095	2.41	0.002	0.051	300	7620	3158	0.250	
6-34TV-XX-24-NTP	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	n/a	
6-34TV-XX-24	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	0.145	
6-34TV-XX-300	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.003	0.076	300	7620	1818	0.145	
6-S-34TV-XX-24-NTP	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	n/a	
6-S-34TV-XX-24	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	0.145	
6-S-34TV-XX-300	0.07	1.78	0.14	3.56	0.20	5.08	0.15	3.81	0.165	4.19	0.002	0.051	300	7620	1818	0.145	



**MOUNTING
OPTIONS**

- Tape

XX - Select material/finish (see page 16)
NTP = No Tape





Twist Series (cont.)

T2 | Twist

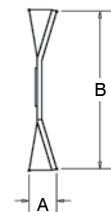
Black = inches Red = mm

P/N	A		B		C		Finger		Pitch		Mat. Thick		Length		Fingers	Tape
6-50T2-XX-24-NTP	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	n/a
6-50T2-XX-24	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	24	610	146	0.145
6-50T2-XX-300	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.003	0.076	300	7620	1818	0.145
6-S-50T2-XX-24-NTP	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	n/a
6-S-50T2-XX-24	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	24	610	146	0.145
6-S-50T2-XX-300	0.07	1.78	0.50	8.64	0.18	4.57	0.15	3.81	0.165	4.19	0.002	0.051	300	7620	1818	0.145



**MOUNTING
OPTIONS**
■ Tape

XX - Select material/finish (see page 16)
NTP = No Tape



UT | Twist

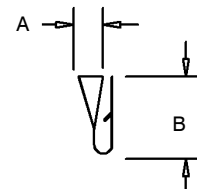
Black = inches Red = mm

P/N	A		B		Finger		Pitch		Mat. Thick		Length		Fingers	Clip ID	Lance	Lance Pitch
3-23UT-040-XX-16	0.03	0.76	0.15	3.81	0.08	2.03	0.095	2.41	0.003	0.076	16	406	168	0.04	1.02	n/a
3-23UT-070-XX-16	0.03	0.76	0.15	3.81	0.08	2.03	0.095	2.41	0.003	0.076	16	406	168	0.07	1.78	n/a
3-23UT-070-DL-XX-16	0.03	0.76	0.15	3.81	0.08	2.03	0.095	2.41	0.003	0.076	16	406	168	0.07	1.78	D 1"
6-34UT-040-XX-16	0.07	1.78	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.04	1.02	n/a
6-34UT-070-XX-16	0.07	1.78	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.07	1.78	n/a
6-34UT-070-DL-XX-16	0.07	1.78	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.07	1.78	D 1"



**MOUNTING
OPTIONS**
■ Clip

XX - Select material/finish (see page 16)



UT3 | Twist

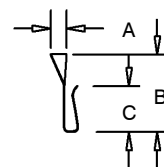
Black = inches Red = mm

P/N	A		B		C		Finger		Pitch		Mat. Thick		Length		Fingers	Clip ID	Lance	Lance Pitch
6-34UT3-050-XX-16	0.07	1.78	0.38	9.65	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.05	1.27	n/a
6-34UT3-050-DL-XX-16	0.07	1.78	0.38	9.65	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.05	1.27	D 1"
6-34UT3-070-XX-16	0.07	1.78	0.38	9.65	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.07	1.78	n/a
6-34UT3-070-DL-XX-16	0.07	1.78	0.38	9.65	0.22	5.59	0.15	3.81	0.165	4.19	0.003	0.076	16	406	97	0.07	1.78	D 1"



**MOUNTING
OPTIONS**
■ Clip

XX - Select material/finish (see page 16)





Clip-On Series

The Clip-On Gaskets are used in enclosures, shielded cabinets, and on circuit cards as ESD contacts and EMI gaskets. For edge mount applications, close attention must be given to clip size, lance requirements, deflection parameters and finger configuration. Leader Tech provides application assistance in the development of specifications.

C | Clip-On

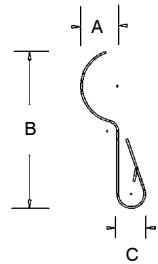
P/N	A		B		C		Finger		Pitch		Mat. Thick	Comp Width		Comp Height		Lance Start		Lance Pitch		Fingers	Lance					
10-30C-045-XX-16	0.10	2.54	0.30	7.62	0.045	1.14	0.14	3.56	0.187	4.75	0.005	0.127	0.330	8.38	0.05	1.27					86	n/a				
10-30C-050-XX-16	0.10	2.54	0.30	7.62	0.050	1.27	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27					86	n/a				
10-30C-065-XX-16	0.10	2.54	0.30	7.62	0.065	1.65	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27					86	n/a				
10-30C-070-XX-16	0.10	2.54	0.30	7.62	0.070	1.78	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27					86	n/a				
10-30C-045-DL-XX-16	0.10	2.54	0.30	7.62	0.045	1.14	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27	0.50	12.7	1.00	25.4	86	D				
10-30C-050-DL-XX-16	0.10	2.54	0.30	7.62	0.050	1.27	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27	0.50	12.7	1.00	25.4	86	D				
10-30C-065-DL-XX-16	0.10	2.54	0.30	7.62	0.065	1.65	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27	0.50	12.7	1.00	25.4	86	D				
10-30C-070-DL-XX-16	0.10	2.54	0.30	7.62	0.070	1.78	0.14	3.56	0.187	4.75	0.005	0.127	0.33	8.38	0.05	1.27	0.50	12.7	1.00	25.4	86	D				
11-45C-045-XX-16	0.11	2.79	0.45	11.43	0.045	1.14	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52					86	n/a				
11-45C-050-XX-16	0.11	2.79	0.45	11.43	0.050	1.27	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52					86	n/a				
11-45C-065-XX-16	0.11	2.79	0.45	11.43	0.065	1.65	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52					86	n/a				
11-45C-070-XX-16	0.11	2.79	0.45	11.43	0.070	1.78	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52					86	n/a				
11-45C-045-DL-XX-16	0.11	2.79	0.45	11.43	0.045	1.14	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52	0.50	12.7	1.00	25.4	86	D				
11-45C-050-DL-XX-16	0.11	2.79	0.45	11.43	0.050	1.27	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52	0.50	12.7	1.00	25.4	86	D				
11-45C-065-DL-XX-16	0.11	2.79	0.45	11.43	0.065	1.65	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52	0.50	12.7	1.00	25.4	86	D				
11-45C-070-DL-XX-16	0.11	2.79	0.45	11.43	0.070	1.78	0.14	3.56	0.187	4.75	0.005	0.127	0.47	11.94	0.06	1.52	0.50	12.7	1.00	25.4	86	D				
25-109C-070-XX-16	0.25	6.35	1.09	27.69	0.070	1.78	0.34	8.64	0.375	9.53	0.005	0.127	1.27	32.26	0.08	2.03					43	n/a				
25-109C-070-DL-XX-16	0.25	6.35	1.09	27.69	0.070	1.78	0.34	8.64	0.375	9.53	0.005	0.127	1.27	32.26	0.08	2.03					0.50	12.7	1.00	25.4	43	D
25-S-109C-070-XX-16	0.25	6.35	1.09	27.69	0.070	1.78	0.34	8.64	0.375	9.53	0.003	0.076	1.27	32.26	0.08	2.03					43	n/a				
25-S-109C-070-DL-XX-16	0.25	6.35	1.09	27.69	0.070	1.78	0.34	8.64	0.375	9.53	0.003	0.076	1.27	32.26	0.08	2.03					0.50	12.7	1.00	25.4	43	D
25-109C-120-XX-16	0.25	6.35	1.09	27.69	0.120	3.05	0.34	8.64	0.375	9.53	0.005	0.127	1.27	32.26	0.08	2.03									43	n/a
25-109C-130-XX-16	0.25	6.35	1.09	27.69	0.130	3.30	0.34	8.64	0.375	9.53	0.005	0.127	1.27	32.26	0.08	2.03									43	n/a



■ Clip

Consult factory for optional clip sizes and optional lance features.

XX - Select material/finish (see page 16)



C | Mini-Clip

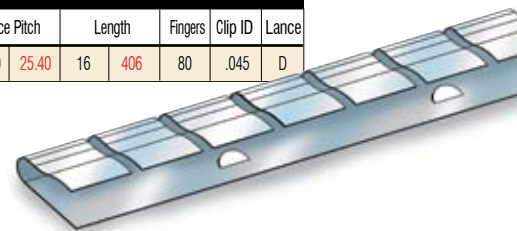
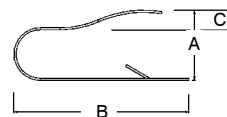
Black = inches Red = mm Comp = Compressed

P/N	A		B		C		Finger		Pitch		Mat. Thick		Lance Start		Lance Pitch		Length		Fingers	Clip ID	Lance
7-21C-045-DL-XX-16	0.07	1.8	0.25	6.4	0.03	0.762	0.17	4.3	0.200	5.08	0.003	0.08	0.485	12.32	1.000	25.40	16	406	80	.045	D



■ Clip

XX - Select material/finish (see page 16)

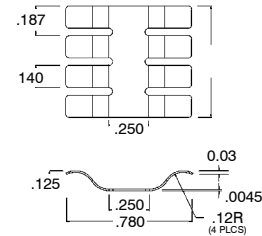




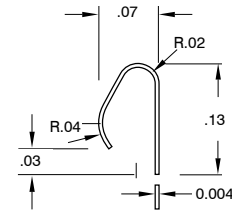
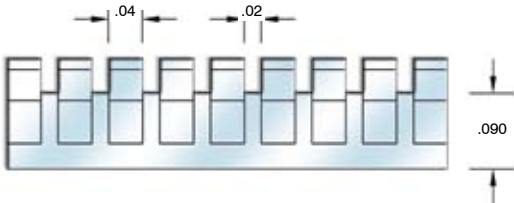
Contact Series

Contact gaskets are primarily used for grounding and shielding in high frequency applications. These gaskets provide engineers and designers with flexibility to solve their shielding and grounding issues. They are available in a variety of different lengths, widths and profiles. Standard factory length for Contact Series strips is 16". Individual contacts available in tape & reel packaging. Adhesive tape is optional - please consult factory.

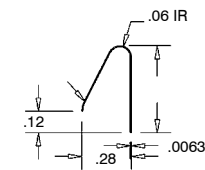
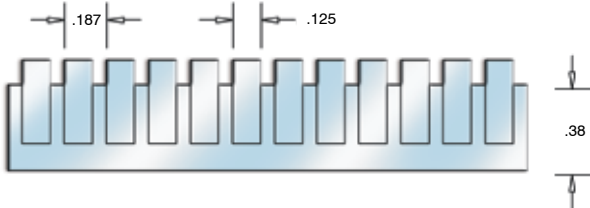
11-78R2 | Contact



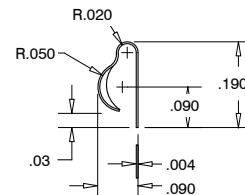
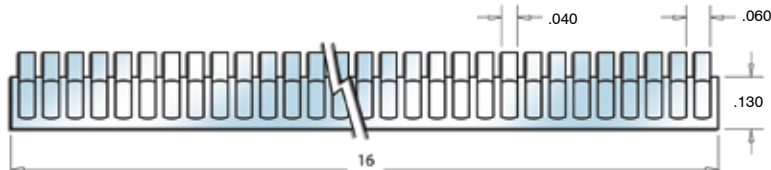
7-13U | Contact



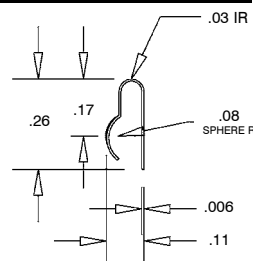
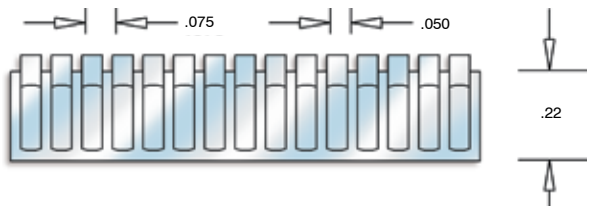
28-49U | Contact



9-19UD | Contact



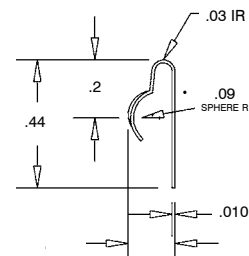
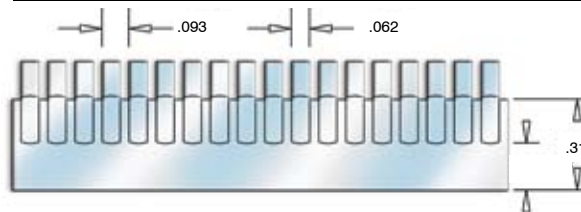
10-26UD | Contact



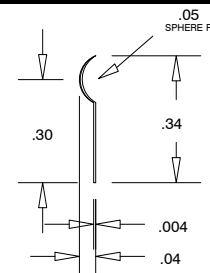
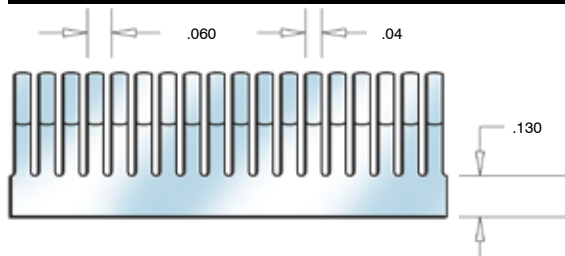


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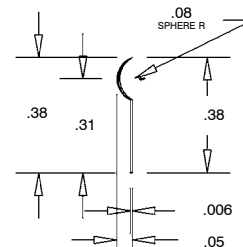
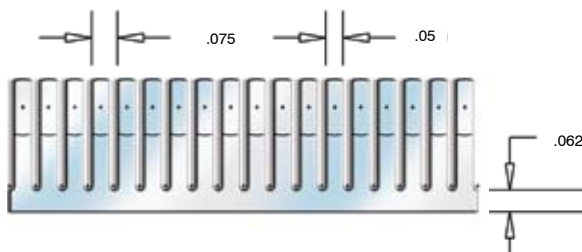
16-44UD | Contact



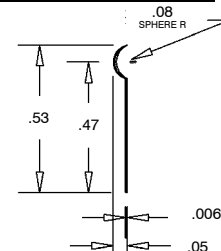
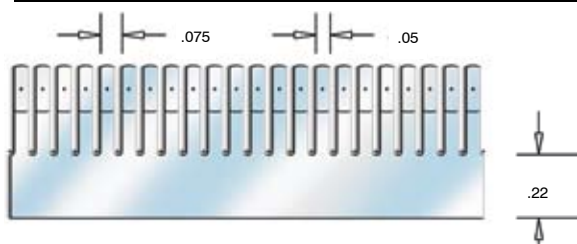
4-34D | Contact



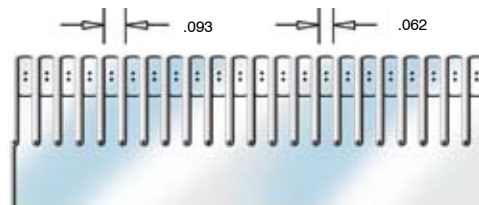
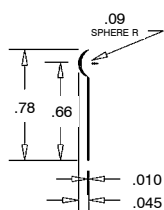
4-38D | Contact



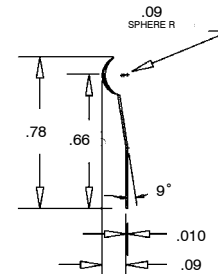
4-53D | Contact



9-78D | Contact



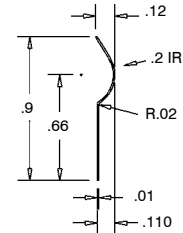
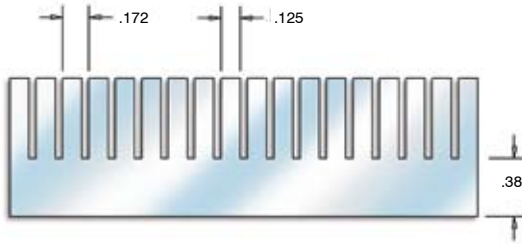
9-78D-A | Contact



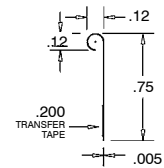


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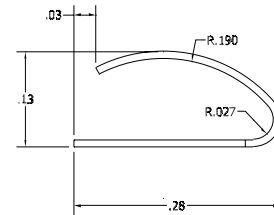
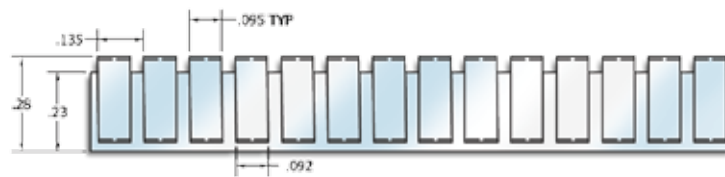
11-90S | Contact



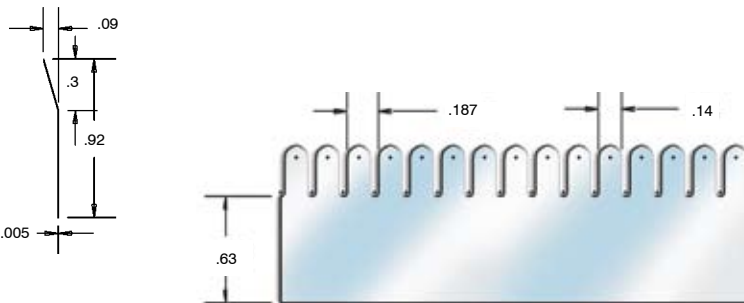
12-75RS | Contact



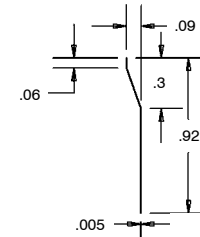
13-28U | Contact



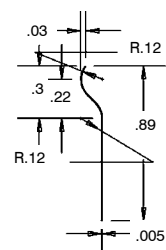
8-92AB | Contact



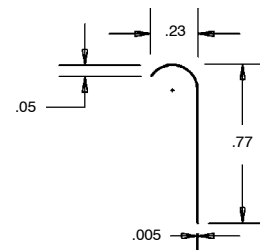
8-92AC | Contact



11-89AA | Contact



22-77AA | Contact





Ordering Information

When placing an order or requesting a quotation, please give part number, your required finish I.D. from the chart below, and required length.

Part Number Example:

Stock Item	Finish I.D.	Length
11-S-32RH	— SN —	16

The above example is the "Slot Mount Series" gasket shown on page 3. The height is .11 inch and the width is .32 inch. The "-S-" indicates a soft gasket. The "SN" indicates a bright tin finish. See list below for available finishes. This part is available in lengths of 16 inches. Consult factory for custom lengths or for availability in 25' coils.

Available Plating Finishes:		
Finish Type	Applicable Specifications	Leader Tech Finish Code
Bright Finish	-	BD
Bright Tin	ASTM B-545	SN
Satin/Matte Tin	ASTM B-545	ST
Tin Lead	SAE AMS-P-81728 / or as specified	SNpb
Electro-less Nickel RoHS	SAE AMS 2404	NI
Zinc/Chromate Clear	ASTM B-633 / SAE AMS 2402	Zinc
Zinc/Chromate Yellow	ASTM B-633 / SAE AMS 2402	ZincY
Cadmium Chromate	As specified	CdC
Bright Silver	ASTM B-700	AG
Satin/Matte Silver	ASTM B-700	MAG
Gold	MIL-DTL-45204 / ASTM B-488 / SAE AMS 2422	AU
Solderable Unplated	As specified	SU

Standard plating finish is .0001 inch (.0025 mm) minimum. Plating processes and thicknesses may be varied to meet customer needs. Standard plating finish for gold is 0.00005 inches. See adjacent list of available finishes and consult factory for additional options.

Adhesive Mounting of Fingertstock Gaskets

Leader Tech tape mounted CuBe gaskets offer pressure-sensitive, double-sided adhesive for strong bonding to a wide variety of surface conditions. Ideal for all-purpose contact strips used in metal cabinets and electronic enclosures and is unaffected by temperatures from -67 to +250°F (-55 to 121°C)

Simply follow these four easy steps:

1. Remove all grease and oily residue with a solvent such as isopropyl alcohol/water mixture (rubbing alcohol) or heptane. Dry and smooth the mounting surface with emery cloth if necessary.
2. Peel off the protective paper backing from the pressure sensitive adhesive tape.
3. Place the gasket in correct position. Press firmly to ensure a good bond to surface. Avoid repositioning, which might impair the effectiveness of the adhesive or may bend or kink the strip. NOTE: On strips where fingers cover the solid portion of the gasket, pressure may be applied by inserting a mandrel in the strip and pressing down.
4. At room temperature approximately 50% of the ultimate strength will be achieved after 20 minutes, 90% after 24 hours, and 100% after 72 hours. In some cases bond strength can be increased and ultimate bond strength can be achieved more quickly by exposure of the bond to elevated temperature, e.g., 150°F (66°C) for 1 hour.



Metals Galvanic Compatibility Chart

Leader Tech Copper Beryllium gaskets are non-porous, non-hygroscopic, and have a smooth surface. Properly applied, wiping gaskets are inherently self-cleaning and resist oxidation given the absence of moisture. Compression-only gaskets usually have high-pressure contacts, which bind the two surfaces and resists oxidation. However, given enough time, temperature, and other environmental effects all of the metals we use will corrode.

In the presence of oxygen, metals oxidize. Other atmospheric effects and thermal cycling accelerates this process. When moisture is present, these oxidized salts form electrolytes between the two dissimilar metals and become a simple battery. As currents flow from the cathode to the anode, voltage potentials develop. The voltage amplitude is directly proportional to currents flowing across the junction of the two metals. These currents accelerate corrosion of the metals.

Using Mil-STD 1250, the galvanic potential should not exceed .25 volts. This specification is critical for salt spray or other harsh environments. In commercial applications, many engineers allow up to .5 volts in controlled environments. To reduce the effects of galvanic conditions, we suggest using the following chart to select the correct metals and plating surfaces.

Cathode	Anode										
	Magnesium	Zinc	Aluminum	Cadmium	Tin	Iron, Steel	Chromium	Brass	Copper, Bronze	Nickel, Monel	Stainless Steel
Zinc	0.50										
Aluminum	0.83	0.33									
Cadmium	0.80	0.30	0.02								
Tin	1.10	0.60	0.28	0.30							
Iron, Steel	0.90	0.40	0.08	0.10	0.20						
Chromium	1.15	0.65	0.33	0.35	0.05	0.25					
Brass	1.35	0.85	0.53	0.55	0.25	0.45	0.20				
Copper, Bronze	1.35	0.85	0.53	0.55	0.25	0.45	0.20				
Nickel, Monel	1.45	0.95	0.63	0.65	0.35	0.55	0.30	0.10	0.10		
Stainless Steel	1.40	0.90	0.58	0.60	0.30	0.50	0.25	0.05	0.05	0.05	
Silver	1.60	1.10	0.78	0.80	0.50	0.70	0.45	0.25	0.25	0.15	0.20

1. For units which will be subjected to salt spray or salt water, metal should be chosen where the potential difference is less than 0.25V.
2. Where it is possible the unit will be subjected to high humidity that is not salt laden, then the potential difference should not exceed 0.45V.



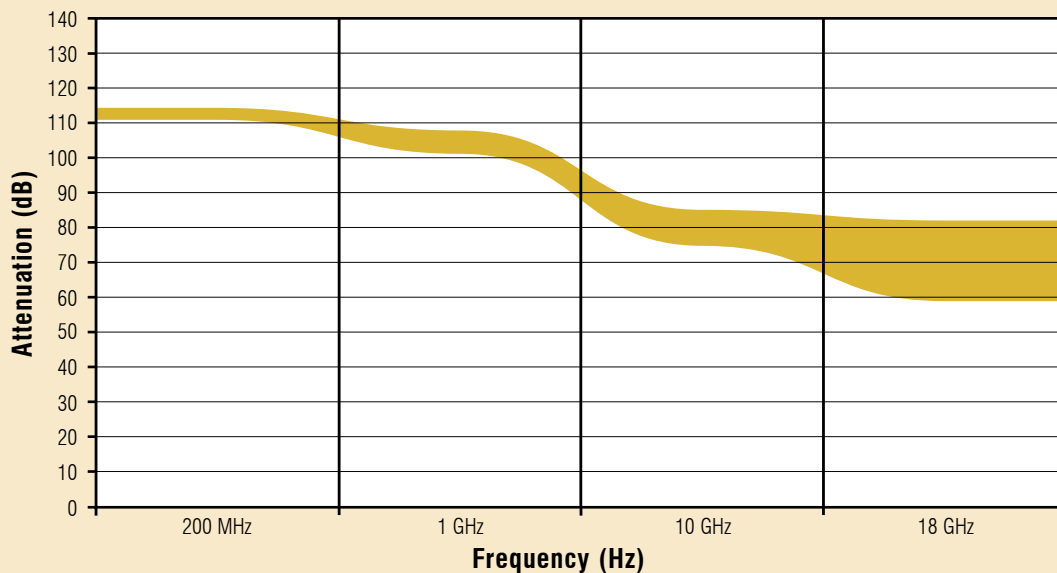
Compression/Deflection Performance and EMI Shielding Effectiveness

Elastic performance expressed in lbs./linear ft. and typical EMI shielding effectiveness data for select configurations are presented below; Deflection: Ideal design compressed height.

Leader Tech. Part No.	Design Compressed Height	Compression Force (lbs./linear ft.)
3-23T	0.018 (0.46)	25
6-34T	0.049 (1.24)	33
6-50T2	0.049 (1.24)	43
9-19UD	0.072 (1.83)	30
11-32RH	0.035 (0.89)	34
11-45C	0.090 (2.29)	19
14-S-37FS	0.080 (2.03)	16

Leader Tech. Part No.	Design Compressed Height	Compression Force (lbs./linear ft.)
14-45DT	0.098 (2.49)	24
22-60AH	0.140 (3.56)	25
22-60RH	0.070 (1.78)	48
23-76FSC	0.130 (3.30)	34
25-109C	0.140 (3.56)	36
25-78FS	0.150 (3.81)	36
28-49U	0.200 (5.08)	11

Average shielding effectiveness based on 25% deflection. In accordance with MIL-STD-285. Radiated shielding effectiveness (dB). Please consult factory for sizes not shown.



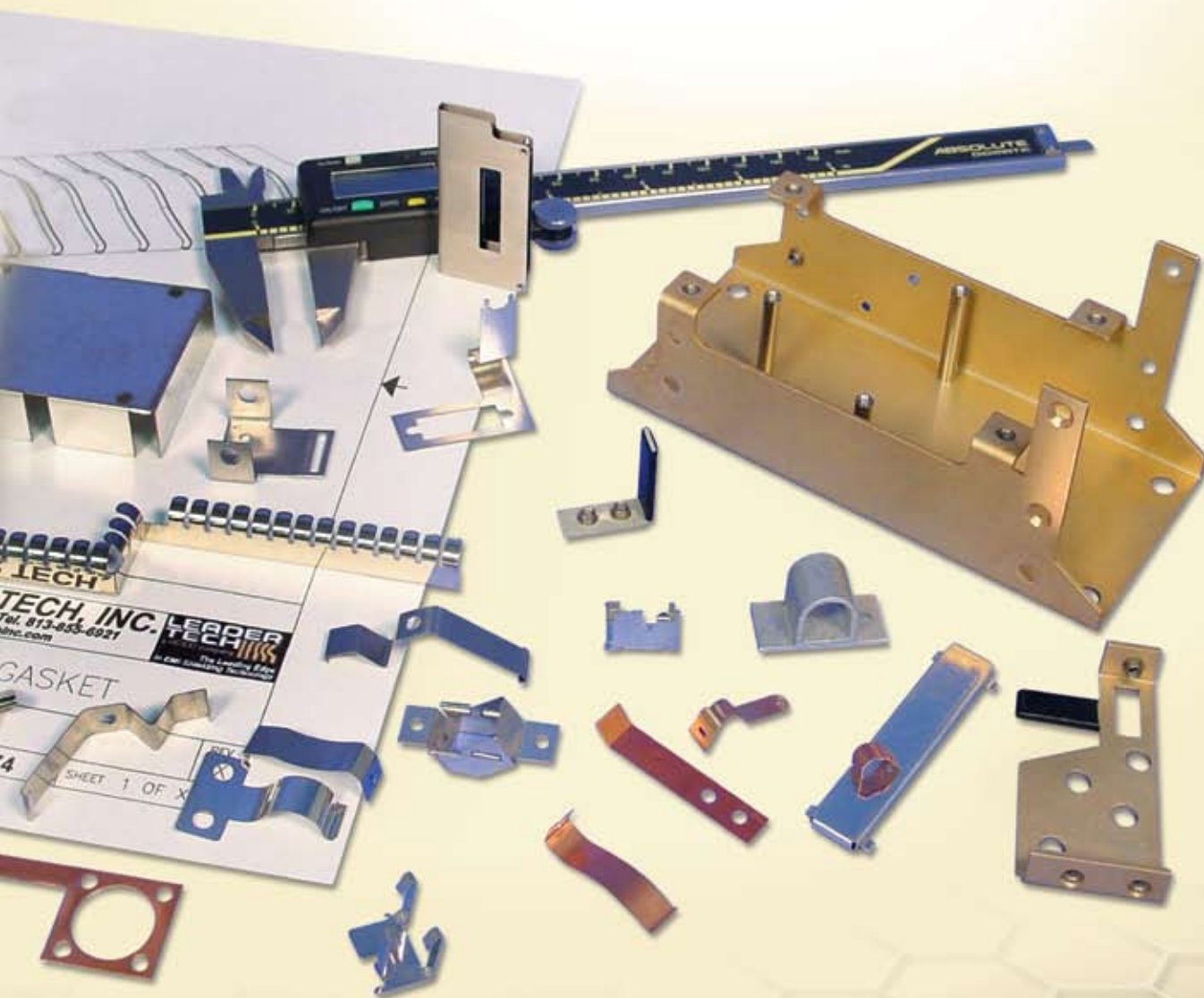
The data presented is based on testing and to our knowledge is accurate and true. Since applications, test methods, and test procedures may vary, we recommend that users of our products perform their own test to assure the suitability of these specific applications. We offer no product warranty, either expressed or implied, except that any product proven defective will be replaced. Freedom from present or future patent infringement cannot be guaranteed, nor can the suitability of our products for specific applications.



Thin Gauge Custom Mechanical Springs and Stampings.

For over 25 years, Leader Tech has been supplying customers with high quality precision custom prototypes, short run and high volume stampings. Our in-house tool & die design and build expertise, combined with our extensive manufacturing capabilities, allow us to manufacture custom precision components for many applications. Our expertise is not limited to just the stamping portion of the application but can include value added operations such as the addition of insulating materials, hardware and other required features. From prototype to high volume production runs, Leader Tech can meet your custom needs with the shortest and most reliable lead times in the industry.

From prototypes within days to long production runs, your Leader Tech Team is ready to assist you. Please call us at 813-855-6921 or email us at sales@leadertechinc.com with your requirements.



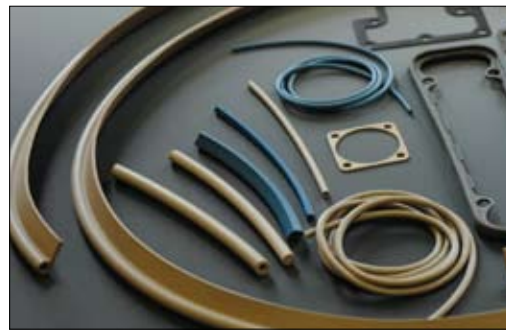


TechSIL

5000 Series

Leader Tech's **TechSIL 5000 Conductive Elastomer** materials are ideal for applications requiring both excellent EMI shielding and environmental sealing across a wide temperature range. Conductive Elastomers are frequently found in military and aerospace applications but can also be applied economically to meet commercial design requirements. The *TechSIL 5000* materials were developed by combining both silicone and fluorosilicone based rubber with various forms of conductive fillers including: silver plated copper, silver plated aluminum, silver plated glass and nickel coated graphite. All formulations are compounded to be compatible with common fluid media and resist compression set resulting in years of continuous service.

Leader Tech's *TechSIL 5000* compounds are available in standard and custom configurations including: extruded, molded, sheet stock, and die-cut gaskets. Consult the chart below for specific electrical and physical property data. Additional formulations are available to meet an engineers specific design requirement.



Material Specifications

LTE Material Number		LTE-10	LTE-20	LTE-30	LTE-40	LTE-50	LTE-60
Elastomer Type: Silicone = SIL, Fluorosilicone = F.SIL		SIL	SIL	F. SIL	F. SIL	SIL	SIL
Filler Material: Silver = Ag, Copper = CU, Aluminum = Al, Nickel = Ni, Glass = G, Nickel Coated Graphite = Ni/C		Ag/Cu	Ag/Al	Ag/Cu	Ag/Al	Ag/G	Ni/C
MIL-DTL-83528 Material Type:		A	B	C	D	M	-
Electrical Properties	Test Method						
Volume Resistivity (Ohm-cm) (Max)	MIL-DTL-83528	.004	.008	.010	.012	.006	.10
Shielding Effectiveness (dB) 10GHz – (Min)	MIL-DTL-83528	110	100	110	90	100	100
Physical Properties							
Specific Gravity (+/-13%)	ASTM D792	3.5	2.0	4.0	2.0	1.9	1.9
Hardness - Shore A (+/-7)	ASTM D2240	65	65	75	70	65	55
Tensile Strength (Min)	ASTM D412	200	200	180	180	200	150
Elongation % (Min/Max)	ASTM D412	100/300	100/300	100/300	60/260	100/300	100/300
Tear Strength – PPI (Min)	ASTM D624 (DIE C)	25	30	35	35	30	30
Compression Set % (Max)	ASTM D395	32	32	35	30	30	25
Upper Operating Temp (°C)	-	125	160	125	160	160	160
Lower Operating Temp (°C)	ASTM D1329	-55	-55	-55	-55	-55	-55

Sheet Material

Sheet Thickness	10 x 10	10 x 15	10 x 20
0.020	5020-1010-XX	5020-1015-XX	5020-1020-XX
0.032	5032-1010-XX	5032-1015-XX	5032-1020-XX
0.062	5062-1010-XX	5062-1015-XX	5062-1020-XX
0.093	5093-1010-XX	5093-1015-XX	5093-1020-XX
0.100	5100-1010-XX	5100-1015-XX	5100-1020-XX
0.125	5125-1010-XX	5125-1015-XX	5125-1020-XX

Conductive Adhesive Available - Please add a "T" to the end of the sheet material part number. See example below.

Part Number Example

5	0	3	2	-	1	0	-	5	0	T
↓					↓			↓		↓
Profile Style					Sheet Size			Material Code		If Conductive Adhesive

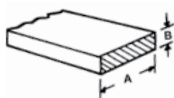


TechSIL (cont.)

5000 Series

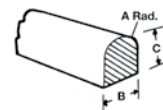
Solid Rectangular Strip

Part Number	Width (A)	Height (B)
5200-0005-XX	0.063	0.042
5200-0010-XX	0.095	0.062
5200-0015-XX	0.120	0.075
5200-0020-XX	0.125	0.062
5200-0025-XX	0.156	0.062
5200-0030-XX	0.250	0.062
5200-0035-XX	0.500	0.075
5200-0040-XX	0.500	0.125
5200-0045-XX	0.500	0.188
5200-0050-XX	0.750	0.062
5200-0055-XX	0.880	0.062
5200-0060-XX	1.180	0.062



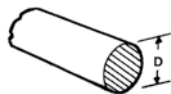
Solid D Strip

Part Number	(A)	(B)	(C)
5500-0005-XX	0.031	0.062	0.068
5500-0010-XX	0.047	0.094	0.078
5500-0015-XX	0.039	0.078	0.089
5500-0020-XX	0.047	0.094	0.094
5500-0025-XX	0.031	0.062	0.100
5500-0030-XX	0.075	0.150	0.110
5500-0035-XX	0.061	0.124	0.136
5500-0040-XX	0.059	0.118	0.156
5500-0045-XX	0.078	0.156	0.156
5500-0050-XX	0.890	0.178	0.175
5500-0055-XX	0.094	0.188	0.188
5500-0060-XX	0.125	0.250	0.250



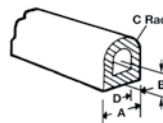
Solid Round Strip

Part Number	Diameter (D)
5300-0005-XX	0.040
5300-0010-XX	0.062
5300-0012-XX	0.070
5300-0015-XX	0.080
5300-0020-XX	0.093
5300-0025-XX	0.103
5300-0030-XX	0.119
5300-0035-XX	0.125
5300-0040-XX	0.139
5300-0045-XX	0.188
5300-0050-XX	0.216
5300-0055-XX	0.250



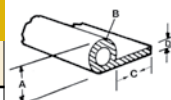
Hollow D Strip

Part Number	(A)	(B)	(C)	(D)
5600-0005-XX	0.156	0.078	0.078	0.045
5600-0010-XX	0.187	0.093	0.093	0.050
5600-0015-XX	0.250	0.125	0.125	0.065
5600-0020-XX	0.312	0.156	0.156	0.062
5600-0025-XX	0.312	0.200	0.112	0.062
5600-0030-XX	0.487	0.080	0.244	0.080



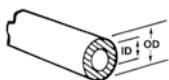
P Strip Tubing

Part Number	(A)	(B)	(C)	(D)
5700-0005-XX	0.200	0.080	0.650	0.062
5700-0010-XX	0.250	0.125	0.250	0.062
5700-0015-XX	0.250	0.125	0.375	0.062
5700-0020-XX	0.250	0.150	0.375	0.062
5700-0025-XX	0.312	0.187	0.563	0.062
5700-0030-XX	0.360	0.255	0.420	0.070
5700-0035-XX	0.200	0.080	0.275	0.062
5700-0040-XX	0.250	0.125	0.625	0.062



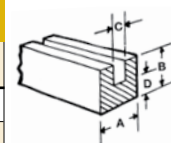
Hollow Round Tubing

Part Number	(OD)	(ID)
5400-0005-XX	0.090	0.050
5400-0010-XX	0.103	0.040
5400-0015-XX	0.125	0.045
5400-0020-XX	0.125	0.062
5400-0025-XX	0.156	0.050
5400-0030-XX	0.250	0.125
5400-0035-XX	0.312	0.192
5400-0040-XX	0.375	0.250



U Channel Strip

Part Number	(A)	(B)	(C)	(D)
5800-0005-XX	0.100	0.100	0.034	0.033
5800-0010-XX	0.126	0.110	0.026	0.050
5800-0015-XX	0.126	0.225	0.020	0.075
5800-0020-XX	0.156	0.156	0.062	0.047
5800-0025-XX	0.175	0.156	0.047	0.075
5800-0030-XX	0.327	0.235	0.062	0.115



Part Number Example

5	X	X	X	-	9	X	X	X	-	X	X
Profile Style					9 if tape required					Assigned by Leader Tech	
										Material Code	



TechSIL (cont.)

8000 Series

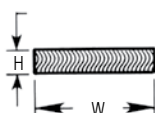
Black = inches Red = mm

Leader Tech's **TechSIL 8000 Oriented Wire** gasketing is designed for use in suppressing EMI/RFI up to 100 dB in the E-Field/up to 50 dB in the H-Field, while offering an effective environmental seal between mating surfaces. This material is comprised of monel or aluminum wire oriented perpendicular to the mating surfaces and embedded in solid or sponge silicone elastomer. The wires are crimped for additional resiliency and to optimize the mechanical performance of the gasket. The silicone based **TechSIL** has 700-900 wires per sq./in. and is capable of withstanding temperatures from -80° to a maximum of 500° F (-62° to 260°C). **TechSIL** Oriented Wire materials are available in strip or sheet form and can easily be die cut into complex shapes or fabricated into custom frame gaskets. All **TechSIL 8000** materials meet the DESC drawing 90046.

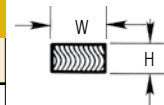


TechSIL® Sheet		
Part Number	Height	Width
8100-0005-XX	0.032* (0.81)	3.00 (76.20)
8100-0010-XX	0.032* (0.81)	4.50 (114.30)
8100-0015-XX	0.032* (0.81)	6.00 (152.40)
8100-0020-XX	0.062 (1.57)	3.00 (76.20)
8100-0025-XX	0.062 (1.57)	4.50 (114.30)
8100-0030-XX	0.062 (1.57)	6.00 (152.40)
8100-0035-XX	0.093 (2.36)	3.00 (76.20)
8100-0040-XX	0.093 (2.36)	4.50 (114.30)
8100-0045-XX	0.093 (2.36)	6.00 (152.40)
8100-0050-XX	0.125 (3.18)	3.00 (76.20)
8100-0055-XX	0.125 (3.18)	4.50 (114.30)
8100-0060-XX	0.125 (3.18)	6.00 (152.40)
8100-0065-XX	0.188 (4.78)	3.00 (76.20)
8100-0070-XX	0.188 (4.78)	4.50 (114.30)
8100-0075-XX	0.188 (4.78)	6.00 (152.40)
8100-0080-XX	0.250 (6.35)	3.00 (76.20)
8100-0085-XX	0.250 (6.35)	4.50 (114.30)
8100-0090-XX	0.250 (6.35)	6.00 (152.40)

*0.032" thickness is only available in Silicone Solid



TechSIL® Strip		
Part Number	Height	Width
8200-0005-XX	0.062 (1.57)	0.093 (2.36)
8200-0010-XX	0.062 (1.57)	0.125 (3.18)
8200-0015-XX	0.062 (1.57)	0.188 (4.78)
8200-0020-XX	0.062 (1.57)	0.250 (6.35)
8200-0025-XX	0.062 (1.57)	0.375 (9.53)
8200-0030-XX	0.062 (1.57)	0.500 (12.70)
8200-0035-XX	0.093 (2.36)	0.093 (2.36)
8200-0040-XX	0.093 (2.36)	0.125 (3.18)
8200-0045-XX	0.093 (2.36)	0.188 (4.78)
8200-0050-XX	0.093 (2.36)	0.250 (6.35)
8200-0055-XX	0.093 (2.36)	0.375 (9.53)
8200-0060-XX	0.093 (2.36)	0.500 (12.70)
8200-0065-XX	0.125 (3.18)	0.125 (3.18)
8200-0070-XX	0.125 (3.18)	0.188 (4.78)
8200-0075-XX	0.125 (3.18)	0.250 (6.35)
8200-0080-XX	0.125 (3.18)	0.375 (9.53)
8200-0085-XX	0.125 (3.18)	0.500 (12.70)
8200-0090-XX	0.188 (4.78)	0.188 (4.78)
8200-0095-XX	0.188 (4.78)	0.250 (6.35)
8200-0100-XX	0.188 (4.78)	0.375 (9.53)
8200-0105-XX	0.188 (4.78)	0.500 (12.70)
8200-0110-XX	0.250 (6.35)	0.250 (6.35)
8200-0115-XX	0.250 (6.35)	0.375 (9.53)
8200-0120-XX	0.250 (6.35)	0.500 (12.70)



Material Code	Wire Specification	Elastomer
81	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281	Silicone Sponge Per AMS 3195
-82	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281	Silicone Solid ZZR765, Class 2B, Grade 40
-83	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056	Silicone Sponge Per AMS 3195
-84	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056	Silicone Solid ZZR765, Class 2B, Grade 40

All materials available with tape.

The data presented is accurate and true to our knowledge. Since applications, test methods and test procedures may vary, we recommend that users perform their own tests to assure suitability for specific applications. We offer no product warranty, either expressed or implied, except we will replace any product found to be defective.

Part Number Example

8	X	X	X	-	9	X	X	X	-	X	X
Profile Style					9 if tape required					Assigned by Leader Tech	Material Code



TechMESH

Knitted Wire

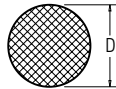
Black = inches Red = mm

Leader Tech's **TechMESH Knitted Wire** gaskets are designed to provide EMI/RFI Shielding of joints and seams of electronic enclosures. The unique construction of the **TechMESH Knitted Wire** consists of many interlocking loops that act as small springs which provide for a resilient all-metal conductive gasket with high attenuation characteristics. **TechMESH** provides shielding effectiveness up to 130 dB in the E-Field and up to 80 dB in the H-Field. The standard wire materials are Tin Plated Copper Clad Steel, Monel and Aluminum in cross-sections of rectangular, round, round-with-fin, and double-round-with-fin. All cross-sections are available in both ALL Mesh or Elastomer Core configurations. The **TechMESH Knitted Wire** gaskets are supplied on spools of 25 ft. or cut to our customers specification.

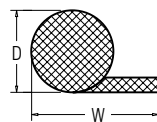


Additional wire options are available upon request

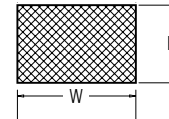
Round	All Mesh
Part Number	Diameter (D)
7000-0005-XX	0.062 (1.57)
7000-0010-XX	0.093 (2.36)
7000-0015-XX	0.125 (3.18)
7000-0020-XX	0.156 (3.96)
7000-0025-XX	0.188 (4.78)
7000-0030-XX	0.250 (6.35)
7000-0035-XX	0.312 (7.92)
7000-0040-XX	0.375 (9.53)
7000-0055-XX	0.500 (12.70)



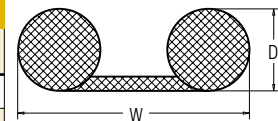
Round	All Mesh with Fin	
Part Number	Diameter (D)	Width (W)
7100-0005-XX	0.062 (1.57)	0.375 (9.53)
7100-0010-XX	0.062 (1.57)	0.500 (12.70)
7100-0015-XX	0.093 (2.36)	0.375 (9.53)
7100-0020-XX	0.093 (2.36)	0.500 (12.70)
7100-0025-XX	0.125 (3.18)	0.375 (9.53)
7100-0030-XX	0.125 (3.18)	0.500 (12.70)
7100-0035-XX	0.188 (4.78)	0.500 (12.70)
7100-0040-XX	0.188 (4.78)	0.750 (19.05)
7100-0045-XX	0.250 (6.35)	0.500 (12.70)
7100-0050-XX	0.250 (6.35)	0.750 (19.05)
7100-0055-XX	0.312 (7.92)	0.875 (22.23)
7100-0060-XX	0.375 (9.53)	0.750 (19.05)
7100-0065-XX	0.500 (12.70)	0.750 (19.05)



Rectangular	All Mesh	
Part Number	Height (H)	Width (W)
7200-0005-XX	0.062 (1.57)	0.062 (1.57)
7200-0010-XX	0.062 (1.57)	0.125 (3.18)
7200-0015-XX	0.062 (1.57)	0.250 (6.35)
7200-0020-XX	0.093 (2.36)	0.093 (2.36)
7200-0025-XX	0.093 (2.36)	0.125 (3.18)
7200-0030-XX	0.093 (2.36)	0.250 (6.35)
7200-0035-XX	0.125 (3.18)	0.125 (3.18)
7200-0040-XX	0.125 (3.18)	0.250 (6.35)
7200-0045-XX	0.125 (3.18)	0.500 (12.70)
7200-0050-XX	0.188 (4.78)	0.188 (4.78)
7200-0055-XX	0.188 (4.78)	0.500 (12.70)
7200-0060-XX	0.250 (6.35)	0.250 (6.35)
7200-0065-XX	0.250 (6.35)	0.500 (12.70)



Double Round		All Mesh with Fin	
Part Number	Diameter (D)	Width (W)	
7300-0005-XX	0.062 (1.57)	0.375 (9.53)	
7300-0010-XX	0.062 (1.57)	0.500 (12.70)	
7300-0015-XX	0.062 (1.57)	0.750 (19.05)	
7300-0020-XX	0.093 (2.36)	0.500 (12.70)	
7300-0025-XX	0.125 (3.18)	0.500 (12.70)	
7300-0030-XX	0.125 (3.18)	0.750 (19.05)	
7300-0035-XX	0.125 (3.18)	1.000 (25.40)	
7300-0040-XX	0.188 (4.78)	0.625 (15.88)	
7300-0045-XX	0.188 (4.78)	0.750 (19.05)	
7300-0050-XX	0.188 (4.78)	1.000 (25.40)	
7300-0055-XX	0.250 (6.35)	0.750 (19.05)	
7300-0060-XX	0.250 (6.35)	1.000 (25.40)	
7300-0065-XX	0.375 (6.35)	1.000 (25.40)	



Material Code	Wire Specification
-71	Tin Plated Copper Clad Steel - 0.0045 Dia. (0.10) ASTM-B-520
-72	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281
-73	Aluminum Wire - 0.005 Dia. (0.13) Alloy 5056, Per AMS-4182

Part Number Example

7	X	X	X	-	9	X	X	X	-	X	X
Profile Style					9 if tape required					Assigned by Leader Tech	
										Material Code	



TechMESH (cont.)

Elastomer Core

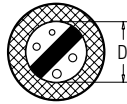
Black = inches Red = mm

Material Code	Wire Specification	Elastomer
-74	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Neoprene Sponge Mil-R-6130B, Type II, Grade A
-75	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Silicone Sponge Per AMS 3195
-76	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Silicone Solid Per ZZR/65, Class 2B, Grade 40
-77	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Neoprene Sponge Mil-R-6130B, Type II, Grade A
-78	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Silicone Sponge Per AMS 3195
-79	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Silicone Solid Per ZZR/65, Class 2B, Grade 40



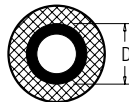
Solid Elastomer Mesh

Part Number	Diameter (D)
7400-0005-XX	0.062 (1.57)
7400-0010-XX	0.125 (3.18)
7400-0015-XX	0.188 (4.78)
7400-0020-XX	0.250 (6.35)
7400-0025-XX	0.312 (7.92)
7400-0030-XX	0.375 (9.53)
7400-0035-XX	0.500 (12.70)



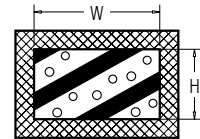
Hollow Elastomer Mesh

Part Number	Diameter (D)
7600-0005-XX	0.188 (4.78)
7600-0010-XX	0.250 (6.35)
7600-0015-XX	0.375 (9.53)
7600-0020-XX	0.500 (12.70)



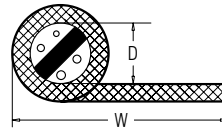
Rectangular Elastomer Mesh

Part Number	Height (H)	Width (W)
7500-0005-XX	0.125 (3.18)	0.125 (3.18)
7500-0010-XX	0.125 (3.18)	0.188 (4.78)
7500-0015-XX	0.125 (3.18)	0.250 (6.35)
7500-0020-XX	0.188 (4.78)	0.188 (4.78)
7500-0025-XX	0.250 (6.35)	0.250 (6.35)
7500-0030-XX	0.250 (6.35)	0.375 (9.53)
7500-0035-XX	0.250 (6.35)	0.500 (12.70)
7500-0040-XX	0.375 (9.53)	0.500 (12.70)
7500-0045-XX	0.500 (12.70)	0.500 (12.70)
7500-0050-XX	0.500 (12.70)	0.750 (19.05)



P-Bulb Elastomer Mesh

Part Number	Diameter (D)	Width (W)
7700-0005-XX	0.125 (3.18)	0.500 (12.70)
7700-0010-XX	0.125 (3.18)	0.625 (15.88)
7700-0015-XX	0.125 (3.18)	0.750 (19.05)
7700-0020-XX	0.188 (4.78)	0.500 (12.70)
7700-0025-XX	0.188 (4.78)	0.625 (15.88)
7700-0030-XX	0.188 (4.78)	0.750 (19.05)
7700-0035-XX	0.250 (6.35)	0.500 (12.70)
7700-0040-XX	0.250 (6.35)	0.750 (19.05)
7700-0045-XX	0.250 (6.35)	1.000 (25.40)
7700-0050-XX	0.500 (12.70)	1.000 (25.40)



Part Number Example

7	X	X	X	-	9	X	X	X	-	X	X
Mesh Style					9 if tape required					Assigned by Leader Tech	
										Material Code	



TechMESH (cont.)

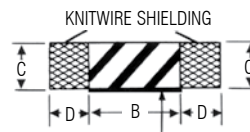
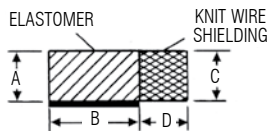
Combo Strip

Black = inches Red = mm

Leader Tech's **TechMesh Combo Strip & Gaskets** are designed for use in applications requiring EMI/RFI shielding and environmental sealing. These materials are comprised of monel or tin plated copper clad steel knitted wire mesh which are bonded to neoprene sponge, silicone sponge or silicone solid elastomer strips. The wire mesh provides shielding performance up to 125 dB in the E-Field and up to 80 dB in the H-Field while the elastomer materials can withstand temperatures from -103° to a maximum of 500° F (-75° to 260°C). These materials have an optional pressure sensitive adhesive backing for ease of installation. The **TechMesh Combo Strip & Gaskets** are available in standard and custom strip configurations. Leader Tech can also fabricate custom frame gaskets to customers specification.



Additional wire options or metal compression stops are available upon request.



Single Mesh Combo Gasket

Part Number	Elastomer		Mesh	
	Height (A)	Width (B)	Height (C)	Width (D)
7800-0005-XX	0.062 (1.57)	0.250 (6.35)	0.062 (1.57)	0.125 (3.18)
7800-0010-XX	0.062 (1.57)	0.375 (9.53)	0.062 (1.57)	0.125 (3.18)
7800-0015-XX	0.062 (1.57)	0.500 (12.70)	0.062 (1.57)	0.125 (3.18)
7800-0020-XX	0.093 (2.36)	0.250 (6.35)	0.093 (2.36)	0.125 (3.18)
7800-0025-XX	0.093 (2.36)	0.375 (9.53)	0.093 (2.36)	0.125 (3.18)
7800-0030-XX	0.093 (2.36)	0.500 (12.70)	0.093 (2.36)	0.125 (3.18)
7800-0035-XX	0.125 (3.18)	0.250 (6.35)	0.125 (3.18)	0.125 (3.18)
7800-0040-XX	0.125 (3.18)	0.375 (9.53)	0.125 (3.18)	0.125 (3.18)
7800-0045-XX	0.125 (3.18)	0.500 (12.70)	0.125 (3.18)	0.125 (3.18)
7800-0050-XX	0.125 (3.18)	0.750 (19.05)	0.125 (3.18)	0.125 (3.18)
7800-0055-XX	0.188 (4.78)	0.375 (9.53)	0.188 (4.78)	0.125 (3.18)
7800-0060-XX	0.188 (4.78)	0.500 (12.70)	0.188 (4.78)	0.125 (3.18)
7800-0065-XX	0.188 (4.78)	0.750 (19.05)	0.188 (4.78)	0.125 (3.18)
7800-0070-XX	0.250 (6.35)	0.500 (12.70)	0.250 (6.35)	0.125 (3.18)
7800-0075-XX	0.250 (6.35)	0.750 (19.05)	0.250 (6.35)	0.125 (3.18)

Double Mesh Combo Gasket

Part Number	Elastomer		Mesh	
	Height (A)	Width (B)	Height (C)	Width (D)
7900-0005-XX	0.062 (1.57)	0.250 (6.35)	0.062 (1.57)	0.125 (3.18)
7900-0010-XX	0.062 (1.57)	0.500 (12.70)	0.062 (1.57)	0.125 (3.18)
7900-0015-XX	0.093 (2.36)	0.250 (6.35)	0.093 (2.36)	0.125 (3.18)
7900-0020-XX	0.093 (2.36)	0.500 (12.70)	0.093 (2.36)	0.125 (3.18)
7900-0025-XX	0.125 (3.18)	0.250 (6.35)	0.125 (3.18)	0.125 (3.18)
7900-0030-XX	0.125 (3.18)	0.375 (9.53)	0.125 (3.18)	0.125 (3.18)
7900-0035-XX	0.125 (3.18)	0.500 (12.70)	0.125 (3.18)	0.125 (3.18)
7900-0040-XX	0.188 (4.78)	0.250 (6.35)	0.188 (4.78)	0.125 (3.18)
7900-0045-XX	0.188 (4.78)	0.500 (12.70)	0.188 (4.78)	0.125 (3.18)

Part Number Example

7	X	X	X	-	9	X	X	X	-	X	X
Mesh Style					9 if tape required					Material Code	
					Assigned by Leader Tech						

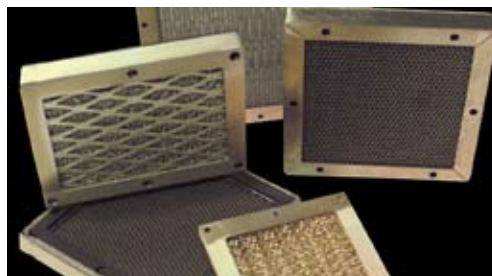
Material Code	Wire Specification	Elastomer
74	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Neoprene Sponge Mil-R-6130B, Type II, Grade A
-75	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Silicone Sponge Per AMS 3195
-76	Monel Wire - 0.0045 Dia. (0.10) Per QQ-N-281B	Silicone Solid Per ZZR765, Class 2B, Grade 40
-77	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Neoprene Sponge Mil-R-6130B, Type II, Grade A
-78	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Silicone Sponge Per AMS 3195
-79	Tin Plated Copper Clad Steel 0.0045 Dia. (0.10) ASTM-B-520	Silicone Solid Per ZZR765, Class 2B, Grade 40

The data presented is accurate and true to our knowledge. Since applications, test methods and test procedures may vary, we recommend that users perform their own tests to assure suitability for specific applications. We offer no product warranty, either expressed or implied, except we will replace any product found to be defective.

TechVENT

Honeycomb Panel

Leader Tech's **TechVent** aluminum honeycomb panels are designed to shield openings for heating and ventilation against electro magnetic interference. The **TechVent** honeycomb panels are constructed with 0.500" (12.7) or .250" (6.35) thick aluminum honeycomb with a 0.125" (3.18) cell size. These panels are supplied in rigid aluminum frames and pre-drilled to meet your mounting specifications. Shielding effectiveness and environmental protection can be improved by plating with tin or nickel. **TechVent** panels can offer shielding performance up to 125 dB in the E-Field and up to 70 dB in the H-Field.

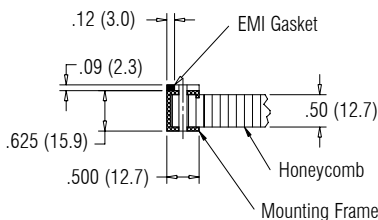


Material Code	Honeycomb Material	Frame Materials	Plating	EMI Gasket	
				Mesh	Elastomer
-91	Aluminum Alloy Per MIL-C-7438	Aluminum Alloy 6063	Chromate Finish Per MIL-C-5541C	Monel Mesh QQ-N-281B	Neoprene Sponge Per MIL-R-6130 Type II, Grade A, MED
-92	Aluminum Alloy Per MIL-C-7438	Aluminum Alloy 6063	Tin Plating Per MIL-T-10727	Tin Plated Copper Clad Steel Per ASTM-B-520	Neoprene Sponge Per MIL-R-6130 Type II, Grade A, MED
-93	Aluminum Alloy Per MIL-C-7438	Aluminum Alloy 6063	Nickel Plating Per MIL-C-26074A	Monel Mesh QQ-N-281B	Neoprene Sponge Per MIL-R-6130 Type II, Grade A, MED

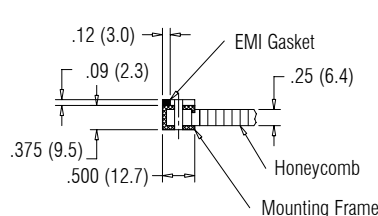
TechVent Aluminum Frame Styles

(Standard hole diameter is .203 unless otherwise noted. Contact Leader Tech for custom specs.)

9100 Through Hole



9200 Through Hole



9300 Through Hole

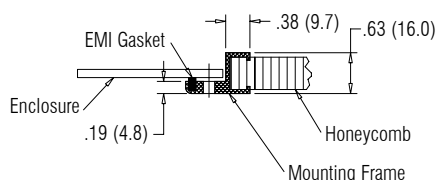
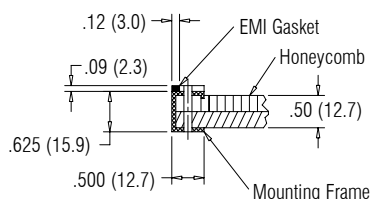


Diagram does not relate to the chart on page 27.

9600 Drip Proof





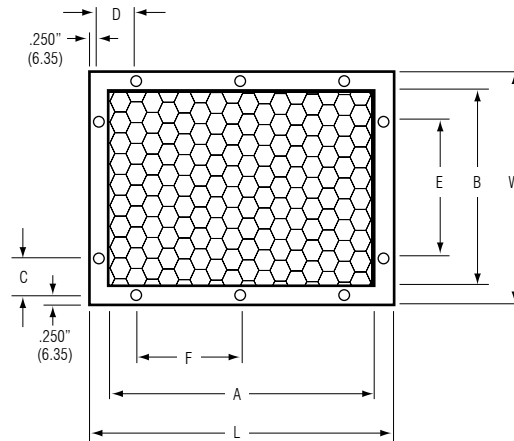
TechVENT (cont.)

Honeycomb Panel

Black = inches Red = mm

TechVent Options:

- Standard and custom configurations
- Panels are supplied with 0.500 (12.7) or 0.250 (6.4) thick honeycomb
- Cross-Cell honeycomb configurations are offered when extra shielding performance is needed
- Variety of plating finishes for material compatibility and shielding performance
- Can be supplied with a protective grille
- Custom configurations available



TechVents® Aluminum Honeycomb Panels

Part Number	Overall Dimensions		Effective Air Flow		Frame Dimensions		Hole Spacing		No. Fasteners	
							Side (W)	Side (L)	Side	Side
	W	L	A	B	C	D	E	F	W	L
9XXX-0001-XX	3.00 (76.20)	3.00 (76.20)	4 (26)	2.00 (50.80)	2.00 (50.80)	1.25 (31.75)	1.25 (31.75)		1	1
9XXX-0002-XX	4.00 (101.60)	4.00 (101.60)	9 (58)	3.00 (76.20)	3.00 (76.20)	1.75 (44.45)	1.75 (44.45)		1	1
9XXX-0003-XX	4.00 (101.60)	12.00 (304.80)	33 (213)	11.00 (279.40)	3.00 (76.20)	1.75 (44.45)	1.25 (31.75)	3.00 (76.20)	1	4
9XXX-0004-XX	5.00 (127.00)	5.00 (127.00)	16 (103)	4.00 (101.60)	4.00 (101.60)	2.25 (57.15)	0.75 (19.05)	3.00 (76.20)	1	2
9XXX-0005-XX	5.00 (127.00)	7.00 (177.80)	24 (155)	6.00 (152.40)	4.00 (101.60)	2.25 (57.15)	1.50 (38.10)	3.50 (88.90)	1	2
9XXX-0006-XX	6.00 (152.40)	6.00 (152.40)	25 (161)	5.00 (127.00)	5.00 (127.00)	1.00 (25.40)	1.00 (25.40)	3.50 (88.90)	2	2
9XXX-0007-XX	6.00 (152.40)	18.00 (457.20)	85 (548)	17.00 (431.80)	5.00 (127.00)	1.00 (25.40)	1.25 (31.75)	3.50 (88.90)	2	5
9XXX-0008-XX	7.00 (177.80)	7.00 (177.80)	36 (232)	6.00 (152.40)	6.00 (152.40)	1.50 (38.10)	1.50 (38.10)	3.50 (88.90)	2	2
9XXX-0009-XX	7.00 (177.80)	14.00 (355.60)	78 (503)	13.00 (330.20)	6.00 (152.40)	1.50 (38.10)	1.50 (38.10)	3.50 (88.90)	2	4
9XXX-0010-XX	8.00 (203.20)	8.00 (203.20)	49 (316)	7.00 (177.80)	7.00 (177.80)	2.00 (50.80)	0.75 (19.05)	3.50 (88.90)	2	3
9XXX-0011-XX	8.00 (203.20)	16.00 (406.40)	105 (677)	15.00 (381.00)	7.00 (177.80)	0.75 (19.05)	1.25 (31.75)	3.00 (76.20)	3	5
9XXX-0012-XX	10.00 (254.00)	10.00 (254.00)	81 (522)	9.00 (228.60)	9.00 (228.60)	1.25 (31.75)	1.25 (31.75)	3.50 (88.90)	3	3
9XXX-0013-XX	10.00 (254.00)	18.00 (457.20)	153 (987)	17.00 (431.80)	9.00 (228.60)	1.25 (31.75)	1.25 (31.75)	3.50 (88.90)	3	5
9XXX-0014-XX	12.00 (304.80)	12.00 (304.80)	121 (760)	11.00 (279.40)	11.00 (279.40)	1.25 (31.75)	1.25 (31.75)	3.00 (76.20)	4	4
9XXX-0015-XX	12.00 (304.80)	24.00 (609.60)	253 (1632)	23.00 (584.20)	11.00 (279.40)	1.25 (31.75)	1.25 (31.75)	3.00 (76.20)	4	7

Part Number Example

9	X	X	X	-	X	X	X	X	-	X	X
Frame Style					Assigned by Leader Tech					Material Code	

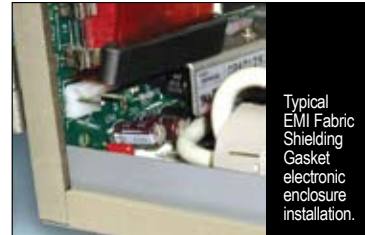


FSG

Fabric Shielding Gaskets for Electronic Enclosures

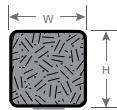
Shielding gaskets are, very simply, connectors of two opposing metallic planes which make them appear as one continuous surface, by connecting across the openings. Depending on the frequencies involved, the openings must be reduced as closely as possible to a continuous seal.

Leader Tech's unique Fabric Shielding Gasket structure is a combination of a highly conductive nickel/copper ripstop fabric and a resilient polyurethane foam core. Leader Tech's FSG products have superior shielding properties and ensure long performance life all in a cost effective manner.



Typical EMI Fabric Shielding Gasket electronic enclosure installation.

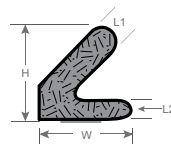
Square Shape				Black = inches Red= mm	
Part Number	Height		Width		
SG080080S	0.080	2.03	0.080	2.03	
SG118118S	0.118	3.00	0.118	3.00	
SG160160S	0.160	4.06	0.160	4.06	
SG200200S	0.200	5.08	0.200	5.08	
SG250250S	0.250	6.35	0.250	6.35	
SG375375S	0.375	9.53	0.375	9.53	
SG500500S	0.500	12.70	0.500	12.70	
SG670670S	0.670	17.02	0.670	17.02	
SG787787S	0.787	19.99	0.787	19.99	



Bell Shape				Black = inches Red= mm	
Part Number	Height		Width		
SG070180B	0.070	1.78	0.180	4.57	
SG090315B	0.090	2.29	0.315	8.00	
SG100300B	0.100	2.54	0.300	7.62	
SG130256B	0.130	3.30	0.256	6.50	
SG157500B	0.157	3.99	0.500	12.70	
SG200500B	0.200	5.08	0.500	12.70	



C-Fold Shape						Black = inches Red= mm	
Part Number	Height		Width				
SG196325C	0.196	4.98	0.325	8.26	.120	.040	
SG196535C	0.196	4.98	0.535	13.59	.100	.040	
SG240415C	0.240	6.10	0.415	10.54	.100	.040	
SG252280C	0.252	6.40	0.280	7.11	.100	.040	
SG315315C	0.315	8.00	0.315	8.00	.125	.060	
SG380420C	0.380	9.65	0.420	10.67	.115	.060	
SG465420C	0.465	11.81	0.420	10.67	.120	.060	
SG550590C	0.550	13.97	0.590	14.99	.120	.060	
SG675600C	0.675	17.15	0.600	15.24	.120	.060	



Typical Performance

Shielding Effectiveness
80 - 115dB

Frequency Range
20Mhz - 1GHz

Dura-Layer Construction
Resilient base with high-performance fabric

Recommended Compression
30-50% of gasket height

TYPICAL CROSS SECTION TOLERANCES

±.010 in. (0.25 mm) for all dimensions up to 0.04 in. (1.02 mm)
±.020 in. (0.50 mm) for all dimensions above 0.04 in. (1.02 mm)
Detailed part drawings are available upon request.

TYPICAL LENGTH TOLERANCES

0.20 to 6.00 in.	(5 - 152 mm)	±.03 in.	(0.76 mm)
6.01 to 18.00 in.	(153 - 457 mm)	±.06 in.	(1.52 mm)
18.01 to 48.00 in.	(458 - 1219 mm)	±.08 in.	(2.03 mm)

Part Number Explanation

SG	XXX	XXX	X	-	XX.XX
↓	↓	↓	↓		↓
# start	Height	Width	Profile		Length

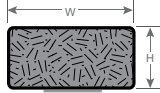
*Example:

SG125250D-22.50: Gasket .125 tall, .250 wide, D-Shape and 22.5" long

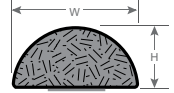


FSG (cont.)

Rectangle Shape			Black = inches Red = mm	
Part Number	Height	Width		
SG015200R	0.015 0.38	0.200 5.08		
SG020157R	0.020 0.51	0.157 3.99		
SG020197R	0.020 0.51	0.197 5.00		
SG020275R	0.020 0.51	0.275 6.99		
SG039118R	0.039 0.99	0.118 3.00		
SG040125R	0.040 1.02	0.125 3.18		
SG040200R	0.040 1.02	0.200 5.08		
SG040275R	0.040 1.02	0.275 6.99		
SG040395R	0.040 1.02	0.395 10.03		
SG040500R	0.040 1.02	0.500 12.70		
SG040600R	0.040 1.02	0.600 15.24		
SG040710R	0.040 1.02	0.710 18.03		
SG050090R	0.050 1.27	0.090 2.29		
SG060125R	0.060 1.52	0.125 3.18		
SG060160R	0.060 1.52	0.160 4.06		
SG060200R	0.060 1.52	0.200 5.08		
SG060280R	0.060 1.52	0.280 7.11		
SG060395R	0.060 1.52	0.395 10.03		
SG060550R	0.060 1.52	0.550 13.97		
SG060750R	0.060 1.52	0.750 19.05		
SG079157R	0.079 2.00	0.157 3.99		
SG080200R	0.080 2.03	0.200 5.08		
SG080275R	0.080 2.03	0.275 6.99		
SG080395R	0.080 2.03	0.395 10.03		
SG080500R	0.080 2.03	0.500 12.70		
SG080750R	0.080 2.03	0.750 19.05		
SG100200R	0.100 2.54	0.200 5.08		
SG120155R	0.120 3.05	0.155 3.94		
SG125250R	0.125 3.18	0.250 6.35		
SG125375R	0.125 3.18	0.375 9.53		
SG160354R	0.160 4.06	0.354 8.99		
SG187375R	0.187 4.75	0.375 9.53		
SG187750R	0.187 4.75	0.750 19.05		
SG250375R	0.250 6.35	0.375 9.53		
SG250500R	0.250 6.35	0.500 12.70		
SG250600R	0.250 6.35	0.600 15.24		
SG375500R	0.375 9.53	0.500 12.70		



D-Shape			Black = inches Red = mm	
Part Number	Height	Width		
SG040150D	0.040 1.02	0.150 3.81		
SG050140D	0.050 1.27	0.140 3.56		
SG050250D	0.050 1.27	0.250 6.35		
SG060125D	0.060 1.52	0.125 3.18		
SG060150D	0.060 1.52	0.150 3.81		
SG070135D	0.070 1.78	0.135 3.43		
SG070180D	0.070 1.78	0.180 4.57		
SG080080D	0.080 2.03	0.080 2.03		
SG080160D	0.080 2.03	0.160 4.06		
SG080394D	0.080 2.03	0.394 10.01		
SG090090D	0.090 2.29	0.090 2.29		
SG090150D	0.090 2.29	0.150 3.81		
SG100300D	0.100 2.54	0.300 7.62		
SG110180D	0.110 2.79	0.180 4.57		
SG120150D	0.120 3.05	0.150 3.81		
SG120475D	0.120 3.05	0.475 12.07		
SG125187D	0.125 3.18	0.187 4.75		
SG125250D	0.125 3.18	0.250 6.35		
SG130190D	0.130 3.30	0.190 4.83		
SG140250D	0.140 3.56	0.250 6.35		
SG150250D	0.150 3.81	0.250 6.35		
SG160240D	0.160 4.06	0.240 6.10		
SG180400D	0.180 4.57	0.400 10.16		
SG187250D	0.187 4.75	0.250 6.35		
SG195260D	0.195 4.95	0.260 6.60		
SG236236D	0.236 5.99	0.236 5.99		
SG250375D	0.250 6.35	0.375 9.53		
SG295355D	0.295 7.49	0.355 9.02		
SG315630D	0.315 8.00	0.630 16.00		
SG375500D	0.375 9.53	0.500 12.70		
SG430500D	0.430 10.92	0.500 12.70		
SG562709D	0.562 14.27	0.709 18.01		
SG670670D	0.670 17.02	0.670 17.02		



TYPICAL CROSS SECTION TOLERANCES

±.010 in. (0.25 mm) for all dimensions up to 0.04 in. (1.02 mm)
 ±.020 in. (0.50 mm) for all dimensions above 0.04 in. (1.02 mm)
 Detailed part drawings are available upon request.

TYPICAL LENGTH TOLERANCES

0.20 to 6.00 in. (5 - 152 mm) ±.03 in. (0.76 mm)
 6.01 to 18.00 in. (153 - 457 mm) ±.06 in. (1.52 mm)
 18.01 to 48.00 in. (458 - 1219 mm) ±.08 in. (2.03 mm)

Part Number Explanation

SG XXX XXX X - XX.XX
 ↓ ↓ ↓ ↓ ↓
 # start Height Width Profile Length

*Example:
 SG125250D-22.50: Gasket .125 tall, .250 wide, D-Shape and 22.5" long

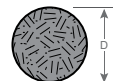


FSG (cont.)

Knife Shape Black = inches Red = mm				
Part Number	Height		Width	
SG070340K	0.070	1.78	0.340	8.64
SG106315K	0.106	2.69	0.315	8.00
SG106445K	0.106	2.69	0.445	11.30
SG160600K	0.160	4.06	0.600	15.24
SG250750K	0.250	6.35	0.750	19.05
SG312707K	0.312	7.92	0.707	17.96
SG350750K	0.350	8.89	0.750	19.05



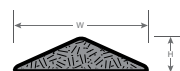
Round Shape Black = inches Red = mm		
Part Number	D	
SG100100Z	0.100	2.54
SG125125Z	0.125	3.18
SG160160Z	0.160	4.06
SG200200Z	0.200	5.08



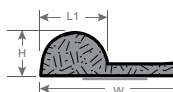
Oval Shape Black = inches Red = mm			
Part Number	Height		Width
SG140200E	0.140	3.56	0.200 5.08
SG160790E	0.160	4.06	0.790 20.07



Triangle Shape Black = inches Red = mm			
Part Number	Height		Width
SG098500TR	0.098	2.49	0.500 12.70
SG140390TR	0.140	3.56	0.390 9.91



P-Shape Black = inches Red = mm					
Part Number	Height		Width	L1	L
SG016195P	0.016	0.41	0.195 4.95	0.070 1.78	0.005 0.13
SG060275P	0.060	1.52	0.275 6.99	0.118 3.00	0.014 0.35
SG080200P	0.080	2.03	0.200 5.08	0.118 3.00	0.020 0.50
SG130520P	0.130	3.30	0.520 13.21	0.260 6.60	0.039 1.00
SG145520P	0.145	3.68	0.520 13.21	0.252 6.40	0.039 1.00
SG200395P	0.200	5.08	0.395 10.03	0.157 4.00	0.079 2.00
SG200475P	0.200	5.08	0.475 12.07	0.157 4.00	0.079 2.00



Typical Performance

Shielding Effectiveness
80 - 115dB

Frequency Range
20Mhz - 1GHz

Dura-Layer Construction
Resilient base with high-performance fabric

Recommended Compression
30-50% of gasket height

TYPICAL CROSS SECTION TOLERANCES

±.010 in. (0.25 mm) for all dimensions up to 0.04 in. (1.02 mm)
±.020 in. (0.50 mm) for all dimensions above 0.04 in. (1.02 mm)
Detailed part drawings are available upon request.

TYPICAL LENGTH TOLERANCES

0.20 to 6.00 in. (5 - 152 mm) ±.03 in. (0.76 mm)
6.01 to 18.00 in. (153 - 457 mm) ±.06 in. (1.52 mm)
18.01 to 48.00 in. (458 - 1219 mm) ±.08 in. (2.03 mm)

Part Number Explanation

SG XXX XXX X - XX.XX
↓ ↓ ↓ ↓ ↓
start Height Width Profile Length

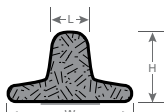
*Example:
SG125250D-22.50: Gasket .125 tall, .250 wide, D-Shape and 22.5" long



FSG

(cont.)

T-Shape				Black = inches Red = mm	
Part Number	Height	Width	L		
SG152235T	0.152 3.86	0.235 5.97	0.050 1.27		
SG157245T	0.157 3.99	0.245 6.22	0.050 1.27		



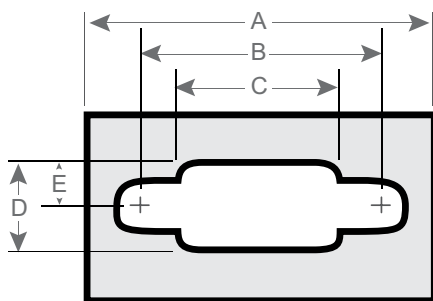
Typical Performance

Shielding Effectiveness
80 - 115dB

Frequency Range
20Mhz - 1GHz

Dura-Layer Construction
Resilient base with high-performance fabric

Recommended Compression
30-50% of gasket height



D-Sub Miniature									Black = inches Red = mm	
Part Number	Type	A	B	C	D	E	F	G		
SG140009DS	9 Pin	1.40 35.6	.98 24.9	.78 19.8	.44 11.2	.22 5.6	.70 17.8	.100 2.5		
SG175015DS	15 Pin	1.75 44.5	1.31 33.3	1.11 28.2	.44 11.2	.22 5.6	.70 17.8	.100 2.5		
SG228025DS	25 Pin	2.28 57.9	1.85 47.0	1.65 41.9	.44 11.2	.22 5.6	.70 17.8	.100 2.5		
SG293037DS	37 Pin	2.93 74.4	2.50 63.5	2.29 58.2	.44 11.2	.22 5.6	.70 17.8	.100 2.5		
SG284050DS	50 Pin	2.84 72.1	2.41 61.2	2.20 55.9	.55 14.0	.28 7.1	.80 20.3	.100 2.5		



TYPICAL CROSS SECTION TOLERANCES

±.010 in. (0.25 mm) for all dimensions up to 0.04 in. (1.02 mm)
 ±.020 in. (0.50 mm) for all dimensions above 0.04 in. (1.02 mm)
 Detailed part drawings are available upon request.

TYPICAL LENGTH TOLERANCES

0.20 to 6.00 in. (5 - 152 mm)	±.03 in. (0.76 mm)
6.01 to 18.00 in. (153 - 457 mm)	±.06 in. (1.52 mm)
18.01 to 48.00 in. (458 - 1219 mm)	±.08 in. (2.03 mm)

Part Number Explanation

SG XXX XXX X - XX.XX
 ↓ ↓ ↓ ↓ ↓
 # start Height Width Profile Length

*Example:
 SG125250D-22.50: Gasket .125 tall, .250 wide, D-Shape and 22.5" long



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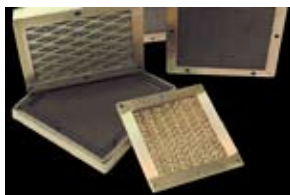
Leader Tech is a world-leading innovator and US-based manufacturer of EMI shielding products for circuit boards, enclosures and cables. In addition to our best selling standard, modified standard and custom CBS shields, Leader Tech offers an expansive line of beryllium copper fingerstock gaskets, conductive elastomers, advanced RF absorber materials and EMI/RFI ferrites.



CBS
Circuit Board
Shielding Catalog

FerriShield
Ferrite Catalog

EMI FSG
Fabric Shielding
Gasket Catalog



LeaderTech Shielding Products

Board Level Shielding

- Standard and Multi-Cavity CBS
- Modified Standard Options
- Custom Circuit Board Shields

FerriShield Ferrites

- Snap-On Bisected & Solid Bead Ferrites
- Round & Flat Styles for Cables, Wires and Flex Circuits
- Low, High, Microwave and Wideband Frequency-Specific Material

Enclosure Shielding

- BeCu Fingerstock Gaskets
- TechSIL 5000 Conductive Elastomers
- Conductive Fabric Shielding Gaskets
- TechSIL 8000 Oriented Wire Gaskets
- TechMESH Knitted Wire Gaskets
- TechMESH Combo Strip & Gaskets
- TechVent Honeycomb Shielding Panels

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Core Product Lines

- Circuit board shields
- Enclosure shielding gaskets
- Cable shielding FerriShield Ferrites
- Specialty Shielding Materials

Market and Application Expertise

- Military
- Aerospace
- Medical
- Commercial
- Integrated Communications

Product Life-Cycle Specialists

- Initial design
- 3D modeling
- Prototype delivery
- Low-volume production
- High-volume manufacturing



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