

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 Blue = mm Comp = Compressed									
PART NUMBER	A		B		C		FINGER		PITCH		MAT. THICK		COMP LENGTH		COMP HEIGHT		LENGTH		FINGERS	TAPE			
11-28FS-XX-16	0.11	2.79	0.28	7.11	0.24	5.842	0.170	4.32	0.188	4.78	0.003	0.076	0.37	9.4	0.07	1.78	16	406	85	0.145			
11-28FS-XX-300	0.11	2.79	0.28	7.11	0.24	5.842	0.170	4.32	0.188	4.78	0.003	0.076	0.37	9.4	0.07	1.78	300	7620	1596	0.145			
11-S-28FS-XX-16	0.11	2.79	0.28	7.11	0.24	5.842	0.170	4.32	0.188	4.78	0.002	0.050	0.37	9.4	0.07	1.78	16	406	85	0.145			
11-S-28FS-XX-300	0.11	2.79	0.28	7.11	0.24	5.842	0.170	4.32	0.188	4.78	0.002	0.050	0.37	9.4	0.07	1.78	300	7620	1596	0.145			
14-37FS-XX-16	0.14	3.56	0.37	9.40	0.32	7.874	0.228	5.79	0.250	6.35	0.003	0.076	0.50	12.7	0.10	2.54	16	406	64	0.200			
14-37FS-XX-300	0.14	3.56	0.37	9.40	0.32	7.874	0.228	5.84	0.250	6.35	0.003	0.076	0.50	12.7	0.10	2.54	300	7620	1200	0.200			
14-S-37FS-XX-16	0.14	3.56	0.37	9.40	0.31	7.874	0.228	5.79	0.250	6.35	0.002	0.050	0.50	12.7	0.10	2.54	16	406	64	0.200			
23-60FS-XX-24	0.23	5.84	0.60	15.24	0.50	12.700	0.343	8.71	0.375	9.53	0.004	0.101	0.77	19.6	0.12	3.05	24	610	64	0.250			
23-60FS-XX-300	0.23	5.84	0.60	15.24	0.50	12.700	0.343	8.71	0.375	9.53	0.004	0.101	0.77	19.6	0.12	3.05	300	7620	800	0.250			
23-S-60FS-XX-24	0.23	5.84	0.60	15.24	0.50	12.700	0.343	8.71	0.375	9.53	0.003	0.076	0.77	19.6	0.12	3.05	24	610	64	0.250			
23-S-60FS-XX-300	0.23	5.84	0.60	15.24	0.50	12.700	0.343	8.71	0.375	9.53	0.003	0.076	0.77	19.6	0.12	3.05	300	7620	800	0.250			
25-78FS-XX-24	0.25	6.35	0.78	19.81	0.53	13.462	0.335	8.51	0.375	9.53	0.005	0.127	0.94	23.9	0.15	3.05	24	610	64	0.375			
25-78FS-XX-300	0.25	6.35	0.78	19.81	0.53	13.462	0.340	8.64	0.375	9.53	0.005	0.127	0.94	23.9	0.15	3.81	300	7620	800	0.375			
25-S-78FS-XX-24	0.25	6.35	0.78	19.81	0.53	13.462	0.335	8.51	0.375	9.53	0.003	0.076	0.94	23.9	0.15	3.81	24	610	64	0.375			
25-S-78FS-XX-300	0.25	6.35	0.78	19.81	0.53	13.462	0.335	8.51	0.375	9.53	0.003	0.076	0.94	23.9	0.15	3.81	300	7620	800	0.375			
41-113FS-XX-12	0.41	10.41	1.13	28.78	0.80	20.320	0.460	11.68	0.500	12.57	0.007	0.178	1.94	49.3	0.23	0.58	12	305	24	0.375			

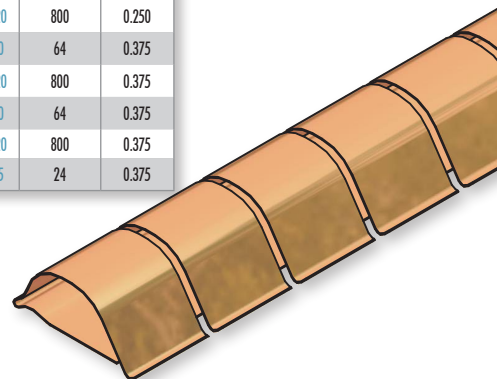
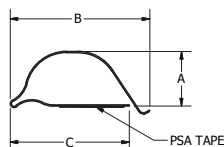


MOUNTING OPTIONS

- 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 6)



FSC Folded														Black = inches Blue = mm Comp = Compressed				
PART NUMBER	A		B		FINGER		PITCH		MAT. THICK		COMP HEIGHT		LENGTH		FINGERS		TAPE	
8-25FSC-XX-16	0.08	2.03	0.25	6.35	0.17	4.32	0.188	4.78	0.003	0.076	0.048	1.22	16	406	85	0.145		
11-37FSC-XX-16	0.11	2.79	0.38	9.65	0.17	4.3	0.188	4.80	0.003	0.076	0.065	1.65	16	406	85	0.250		
11-S-37FSC-XX-16	0.11	2.79	0.38	9.65	0.17	4.3	0.188	4.80	0.002	0.050	0.065	1.65	16	406	85	0.250		
14-51FSC-XX-16	0.14	3.56	0.51	12.95	0.23	5.8	0.250	6.40	0.003	0.076	0.100	2.54	16	406	64	0.375		
14-S-51FSC-XX-16	0.14	3.56	0.51	12.95	0.23	5.8	0.250	6.40	0.002	0.050	0.100	2.54	16	406	64	0.375		
23-76FSC-XX-24	0.23	5.84	0.76	19.30	0.34	8.7	0.375	9.50	0.004	0.101	0.115	2.92	24	610	64	0.375		

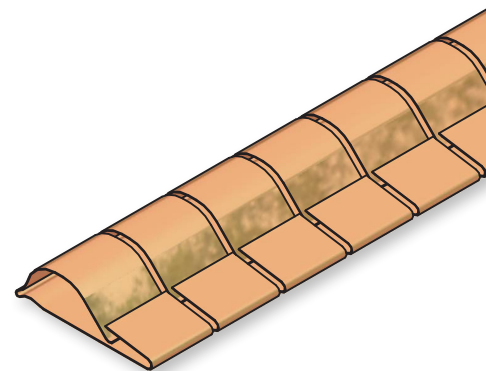
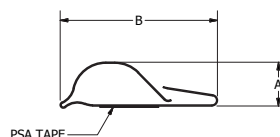


MOUNTING OPTIONS

- 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 6)



FOLDED SERIES CONT.

FSV Folded															Black = inches				Blue = mm		Comp = Compressed			
PART NUMBER	A		B		C		D		E		FINGER		PITCH		MAT. THICK		COMP WIDTH		COMP HEIGHT		LENGTH		FINGERS	
11-28FSV23-XX-16	0.11	2.80	0.28	7.1	0.24	6.10	0.06	1.52	0.188	4.8	0.170	4.30	0.188	4.8	0.003	0.076	0.37	9.40	0.07	1.78	16	406	85	
11-S-28FSV23-XX-16	0.11	2.80	0.28	7.1	0.24	6.10	0.06	1.52	0.188	4.8	0.170	4.30	0.188	4.8	0.002	0.050	0.37	9.40	0.07	1.78	16	406	85	
14-37FSV30-XX-16	0.14	3.60	0.37	9.4	0.32	8.10	0.06	1.52	0.250	6.4	0.228	5.80	0.250	6.4	0.003	0.076	0.50	12.70	0.10	2.54	16	406	64	
14-S-37FSV30-XX-16	0.14	3.60	0.37	9.4	0.32	8.10	0.06	1.52	0.250	6.4	0.228	5.80	0.250	6.4	0.002	0.050	0.50	12.70	0.10	2.54	16	406	64	
23-60FSV50-XX-24	0.23	5.80	0.60	15.2	0.50	12.70	0.08	2.03	0.375	9.5	0.343	8.70	0.375	9.5	0.004	0.101	0.77	19.60	0.12	3.05	24	610	64	
23-S-60FSV50-XX-24	0.23	5.80	0.60	15.2	0.50	12.70	0.08	2.03	0.375	9.5	0.343	8.70	0.375	9.5	0.003	0.076	0.77	19.60	0.12	3.05	24	610	64	
25-78FSV50-XX-24	0.25	6.40	0.78	19.8	0.50	12.70	0.14	3.56	0.375	9.5	0.335	8.50	0.375	9.5	0.005	0.127	0.94	23.90	0.15	3.81	24	610	64	
25-S-78FSV50-XX-24	0.25	6.40	0.78	19.8	0.50	12.70	0.14	3.56	0.375	9.5	0.335	8.50	0.375	9.5	0.003	0.076	0.94	23.90	0.15	3.81	24	610	64	
41-113FSV-XX-12	0.41	10.41	1.13	28.7	0.80	20.32	0.14	3.56	0.500	12.7	0.460	11.68	0.500	12.7	0.007	0.178	1.94	49.28	0.23	5.84	12	305	24	

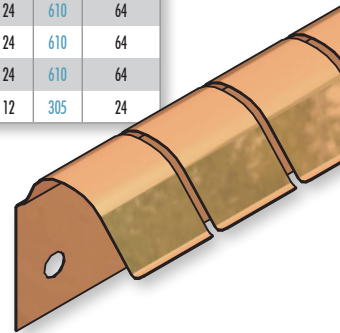
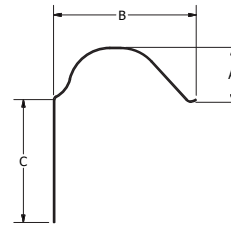
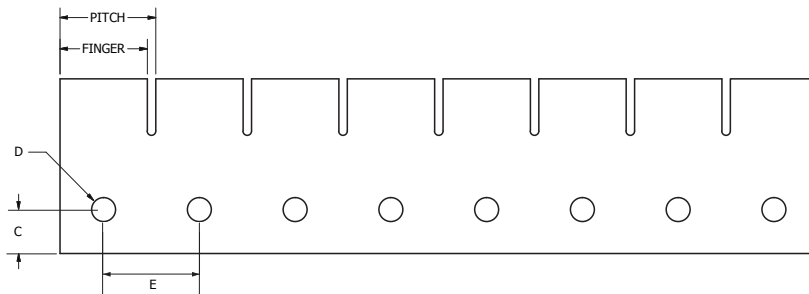


MOUNTING OPTIONS

- Tape
- Rivet
- 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 6)



FSDS Folded														Black = inches				Blue = mm				Comp = Compressed			
PART NUMBER	A		B		C		D		E		FINGER		PITCH		COMP WIDTH		COMP HEIGHT		MATERIAL THICK		LENGTH		FINGERS		
25-109FSDS-XX-24	0.25	6.4	1.09	27.7	0.16	4.06	0.14	3.56	0.38	9.5	0.335	8.5	0.375	9.5	1.27	32.26	0.15	3.81	0.005	0.127	24	610	64		
25-109FSDS-XX-300	0.25	6.4	1.09	27.7	0.16	4.06	0.14	3.56	0.38	9.5	0.335	8.5	0.375	9.5	1.27	32.26	0.15	3.81	0.005	0.127	300	7620	800		
25-S-109FSDS-XX-24	0.25	6.4	1.09	27.7	0.16	4.06	0.14	3.56	0.38	9.5	0.335	8.5	0.375	9.5	1.27	32.26	0.15	3.81	0.003	0.076	24	610	64		
25-S-109FSDS-XX-300	0.25	6.4	1.09	27.7	0.16	4.06	0.14	3.56	0.38	9.5	0.335	8.5	0.375	9.5	1.27	32.26	0.15	3.81	0.003	0.076	300	7620	800		
41-163FSDS-XX-24	0.41	10.4	1.63	41.4	0.19	4.83	0.14	3.56	0.50	12.7	0.460	11.7	0.500	12.7	1.90	48.26	0.23	5.84	0.007	0.178	24	610	24		
41-163FSDS-XX-300	0.41	10.4	1.63	41.4	0.19	4.83	0.14	3.56	0.50	12.7	0.460	11.7	0.500	12.7	1.90	48.26	0.23	5.84	0.007	0.178	300	7620	600		

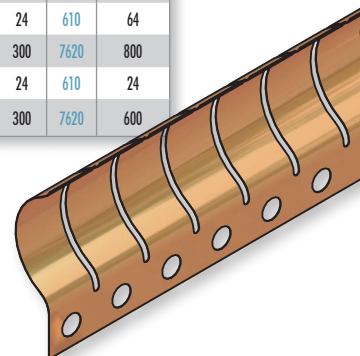
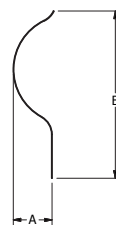
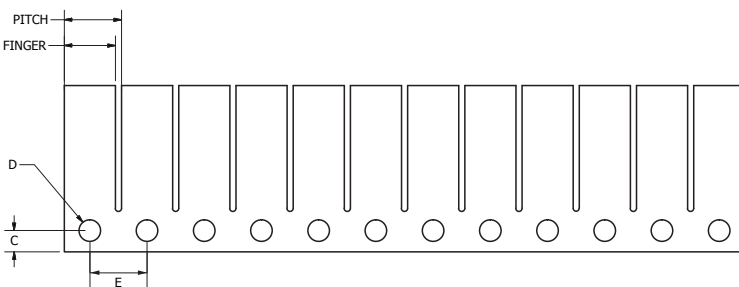


MOUNTING OPTIONS

- Tape
- Rivet
- 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 6)



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 Code	Length
11-S-32RH	– SN –	16

The above example is the "Slot Mount Series" gasket shown on page 11. 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, CLASS A	SN
Satin/Matte Tin	ASTM B-545, CLASS A	ST
Tin Lead	ASTM B-579, SC2	SNpb
Electro-less Nickel RoHS	ASTM B-733, SC 1, CLASS 1	NI
Zinc/Chromate Clear	ASTM B-633, SC1, TYPE III	Zinc
Zinc/Chromate Yellow	ASTM B-633, SC1, TYPE II	ZincY
Clear Cadmium Chromate	ASTM B-766, CLASS 5, TYPE III	CDC
Yellow Cadmium Chromate	ASTM B-766, CLASS 5, TYPE II	CDY
Bright Silver	ASTM B-700, TYPE 2, GRADE B, CLASS N	AG
Satin/Matte Silver	ASTM B-700, TYPE 2, GRADE A, CLASS N	MAG
Gold	ASTM B-488, TYPE I, CODE C, CLASS 1.25	AU
Solderable Unplated	-	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 FINGERSTOCK 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.