



ElectroMet™ Oriented Wire

ElectroMet oriented wire gaskets are EMI shielding and sealing composites. Monel® or aluminum wires embedded in the elastomer and oriented perpendicular to the mating surfaces provide the EMI sealing. Solid or sponge silicone provides the weather sealing; however, solid silicone weather seals are recommended for high-pressure applications. Silicone based oriented wire composites are capable of withstanding temperature ranges from -70°F to 500°F (-56°C to 260°C).

Oriented wire materials are available in sheet or strip form with a minimum thickness of 0.032 in. (0,8 mm). Material specifications and information for standard sheets and strips are provided in Tables 1 through 3.

Table 1.

Material Code	Elastomer	Wire Specification
55	Silicone Sponge Per AMS 3195	Monel: Alloy Per QQ N281 Dia. 0.0045 (0,114)
56	Silicone Solid Per ZZR765 Class 2b Grade 40	Monel: Alloy Per QQ N281 Dia. 0.0045 (0,114)
58	Silicone Sponge Per AMS 3195	Aluminum: Alloy 5056 Per AMS 4182 Dia. 0.005 (0,127)
59	Silicone Solid Per ZZR765 Class 2b Grade 40	Aluminum: Alloy 5056 Per AMS 4182 Dia. 0.005 (0,127)

Note: Wire density per sq. in.: 700-900; per sq. cm 108-139

Table 2. ElectroMet Sheet Materials

End View	Part No.	Dimensions	
		A. Width	B. Thickness
	8408-0296-XX	0.750 (19,1)	0.125 (3,2)
	8408-0200-XX	3.000 (76,2)	0.032 (0,8)
	8408-0203-XX	3.000 (76,2)	0.045 (1,1)
	8408-0206-XX	3.000 (76,2)	0.062 (1,6)
	8408-0209-XX	3.000 (76,2)	0.093 (2,4)
	8408-0212-XX	3.000 (76,2)	0.125 (3,2)
	8408-0213-XX	3.000 (76,2)	0.187 (4,8)
	8408-0215-XX	4.500 (114,3)	0.032 (0,8)
	8408-0218-XX	4.500 (114,3)	0.045 (1,1)
	8408-0221-XX	4.500 (114,3)	0.062 (1,6)
	8408-0224-XX	4.500 (114,3)	0.093 (2,4)
	8408-0227-XX	4.500 (114,3)	0.125 (3,2)
	8408-0230-XX	6.000 (152,4)	0.032 (0,8)
	8408-0233-XX	6.000 (152,4)	0.045 (1,1)
	8408-0236-XX	6.000 (152,4)	0.062 (1,6)
	8408-0239-XX	6.000 (152,4)	0.093 (2,4)
	8408-0242-XX	6.000 (152,4)	0.125 (3,2)
	8408-0245-XX	9.000 (228,6)	0.032 (0,8)
	8408-0248-XX	9.000 (228,6)	0.045 (1,1)
	8408-0251-XX	9.000 (228,6)	0.062 (1,6)
8408-0254-XX	9.000 (228,6)	0.093 (2,4)	
8408-0257-XX	9.000 (228,6)	0.125 (3,2)	

How to Specify

- For PSA, change the fifth digit to 9 for items with tape.
Example: 8408-0200-59 becomes 8408-9200-59.
- Replace XX with material code from Table 1.

Example: To request a 3.0 in. (76,2 mm) wide x 0.032 in. (0,8 mm) thick strip with aluminum wire in solid silicone sponge, use 8408-0200-59.

For further information or for product samples, please contact Laird Technologies sales department.



Monel® wire is bonded into a silicone elastomer for uniform surface and multiple "spring" effect with each contact point.

Table 3. ElectroMet Strip Materials

End View	Part No.	Dimensions	
		A. Width	B. Thickness
	8408-0100-XX	0.125 (3,2)	0.062 (1,6)
	8408-0138-XX	0.125 (3,2)	0.062 (1,6)
	8408-0102-XX	0.125 (3,2)	0.125 (3,2)
	8408-0120-XX	0.125 (3,2)	0.125 (3,2)
	8408-0130-XX	0.125 (3,2)	0.250 (6,4)
	8408-0151-XX	0.187 (4,8)	0.020 (0,5)
	8408-0105-XX	0.187 (4,8)	0.062 (1,6)
	8408-0141-XX	0.187 (4,8)	0.125 (3,2)
	8408-0127-XX	0.187 (4,8)	0.187 (4,8)
	8408-0110-XX	0.250 (6,4)	0.062 (1,6)
	8408-0290-XX	0.250 (6,4)	0.093 (2,4)
	8408-0123-XX	0.250 (6,4)	0.125 (3,2)
	8408-0133-XX	0.250 (6,4)	0.250 (6,4)
	8408-0111-XX	0.312 (7,9)	0.062 (1,6)
	8408-0124-XX	0.312 (7,9)	0.125 (3,2)
	8408-0140-XX	0.312 (7,9)	0.250 (6,4)
	8408-0137-XX	0.375 (9,5)	0.032 (0,8)
	8408-0115-XX	0.375 (9,5)	0.062 (1,6)
	8408-0139-XX	0.394 (10,0)	0.032 (0,8)
	8408-0143-XX	0.500 (12,7)	0.032 (0,8)
	8408-0116-XX	0.500 (12,7)	0.062 (1,6)
	8408-0293-XX	0.500 (12,7)	0.093 (2,4)
	8408-0126-XX	0.500 (12,7)	0.125 (3,2)
	8408-0289-XX	0.500 (12,7)	0.187 (4,8)
	8408-0144-XX	0.625 (15,9)	0.062 (1,6)
	8408-0134-XX	0.625 (15,9)	0.093 (2,4)
	8408-0128-XX	0.625 (15,9)	0.125 (3,2)
	8408-0117-XX	0.750 (19,1)	0.062 (1,6)
	8408-0135-XX	0.750 (19,1)	0.250 (6,4)
	8408-0147-XX	1.000 (25,4)	0.062 (1,6)
8408-0294-XX	1.000 (25,4)	0.093 (2,4)	
8408-0148-XX	1.000 (25,4)	0.125 (3,2)	

Compression-Deflection for Solid Silicone

Material Thickness	Compression Force PSI (MPa) At Deflection Of:			
	5%	*10%	15%	20%
0.045 (1,1)	40 (0,3)	100 (0,7)	155 (1,1)	280 (1,9)
0.062 (1,6)	85 (0,6)	165 (1,1)	240 (1,7)	345 (2,4)
0.125 (3,2)	115 (0,8)	180 (1,2)	245 (1,7)	290 (2,0)

Tolerance

Size Range	Width	Thickness
To 0.062 (1,6)	N/A	+0.010 (+0,3) / -0.005 (-0,1)
0.070 to 0.250 (1,8 to 6,4)	± 0.015 (0,4)	± 0.010 (0,3)
0.251 to 0.375 (6,4 to 9,5)	± 0.030 (0,8)	± 0.015 (0,4)

*Recommended

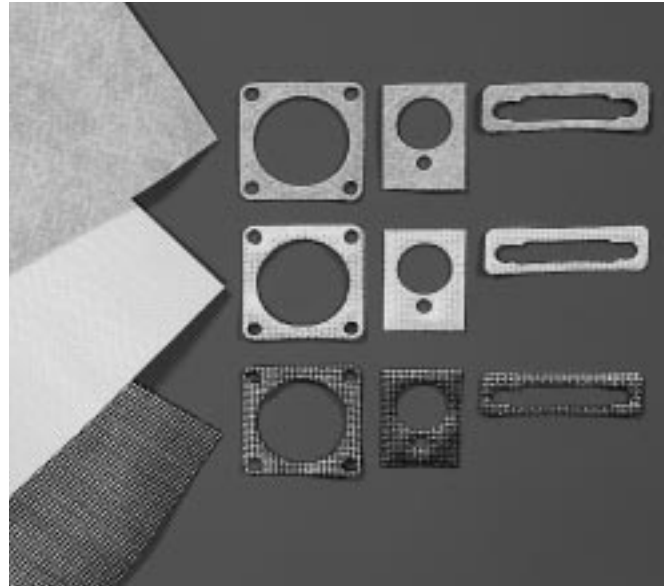
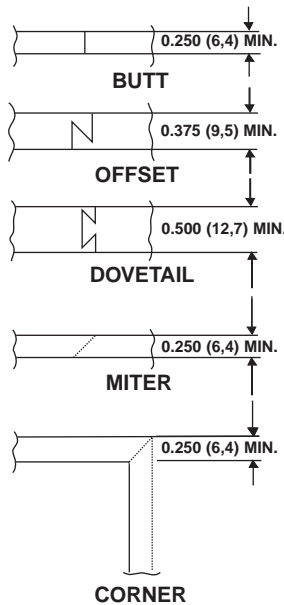
Note: Compression force for silicone sponge is approximately 15 psi to 75 psi. Silicone sponge density is 0.02 lb/in³.



ElectroMet Oriented Wire (continued) Splicing Techniques

Oriented wire can be supplied as a one-piece gasket. Gasket sizes are available up to 9 in. (228,6 mm) X 36 in. (914,4 mm) frame size. Larger gaskets are normally spliced using one of the splicing techniques shown in Figure 1. These splicing methods minimize elastomer waste when compared to jointless gasket design. In preparing drawings, designate the splicing method and locations if splices are permitted.

Figure 1. Four Basic Splicing Techniques



ElectroMet Impregnated Woven Wire and Expanded Metal

ElectroMet impregnated wire mesh and expanded metal gaskets are available in thin sheet form. EMI shielding is provided by woven aluminum mesh or expanded metals. Pressure sealing is provided by neoprene or silicone elastomer impregnated in the mesh. Fluorosilicone is also available for specific applications that require resistance to oils, hydraulic fluids and hydrocarbon fuels.

Die-Cut Gasket

Oriented wire can be supplied as a die-cut gasket in various configurations. Gasket sizes are available up to 9 in. (228,6 mm) X 36 in. (914,4 mm). Several of the most common die-cut gaskets are for cable connectors and Sub-D connectors shown in Figures 2a and 2b.

Figure 2a. Cable Connector

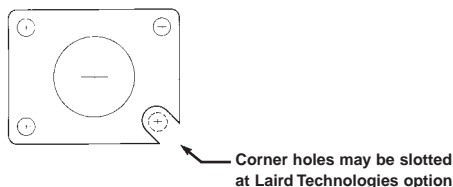


Figure 2b. Sub-D Connector

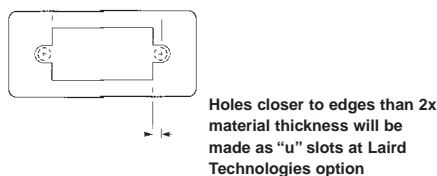


Table 1. Material Selection

Part No.	Thickness	Width	Material Description	Material Specifications		
				Metal Filler	Elastomer Filler	Color
8416-0120-57	0.020 ± 0.004 (0,5 ± 0,1)	8.0 (203,2)	Woven Wire Neoprene Impregnated	Aluminum 5056 Alloy Per AMS 4182	Neoprene Per AMS 3222	Black
8416-0120-23	0.020 ± 0.004 (0,5 ± 0,1)	8.0 (203,2)	Woven Wire Silicone Impregnated	Aluminum 5056 Alloy Per AMS 4182	Silicone Per ZZR 765, Class 2B, Grade 50	Gray
8416-0320-21	0.020 ± 0.004 (0,5 ± 0,1)	8.0 (203,2)	Expanded Metal with Elastomer	Aluminum Alloy QQ-A-250	Silicone Per ZZR 765, Class 2B, Grade 50	Gray
8416-0330-21	0.030 ± 0.004 (0,8 ± 0,1)					
8416-0320-22	0.020 ± 0.004 (0,5 ± 0,1)	8.0 (203,2)	Expanded Metal with Elastomer	Monel® per QQ-N-281B	Silicone Per ZZR 765, Class 2B, Grade 50	Gray
8416-0330-22	0.030 ± 0.004 (0,8 ± 0,1)					

All dimensions shown are in inches (millimeters) unless otherwise specified.



Metal Impregnated Materials

MIL Connector Gaskets

Laird Technologies offers a broad range of EMI gasket materials to fit the shell sizes of standard MIL connectors.

- Gaskets are available in a wide range of materials that can provide shielding or a combination of RF shielding and environmental sealing
- Standardized to fit all MIL connectors
- Test results indicate shielding effectiveness of 100 dB or greater for these connector gaskets

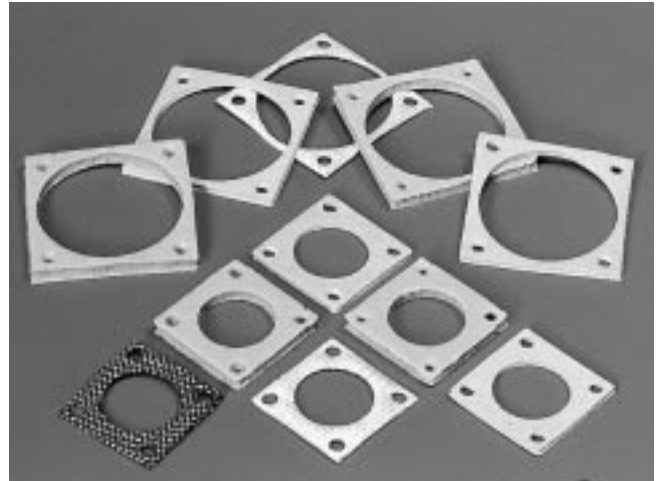


Table 1. Material Selection Guide

Material Specifications						Material Characteristics								
Material Code	Material Description	Metal Filler	Elastomer Filler	Color	Thickness	Legend:								
						Shielding Effectiveness	Seal Drip Proof	Fluids JP4 Hydraul	Salt Fog	Outer Space	Temp -40°F	Temp -65°F	Temp +250°F	Temp +500°F
57	Woven Wire Neoprene Impregnated	Aluminum Alloy 5056 Per AMS 4182	Neoprene Per AMS 3222	Black	0.020 ± 0.004 (0,5 ± 0,1)	F	P	P	P	F	G	P	F	P
23	Woven Wire Silicone Impregnated	Aluminum Alloy 5056 Per AMS 4182	Silicone Per ZZR 765, Glass 2B, Grade 50	Gray	0.020 ± 0.004 (0,5 ± 0,1)	F	P	P	P	F	G	G	F	P
56	Oriented Wire in Solid Silicone	Monel [®] Alloy Per QQN 281	Silicone Per ZZR 765, Class 2B, Grade 50	Gray	0.062 ± 0.005 (1,6 ± 0,1)	G	G	P	F	F	G	G	G	G

Note: Holes closer to edges than 2x material thickness will be made as "u" slots at Laird Technologies option.

How to Specify

1. From Table 2a-3 (next page), match base part number to shell size used.
2. From Table 1, determine material code based on characteristics which best meet design requirements.
3. Insert material code in place of the XX from base part number.

Example: Base part number for shell size 8 in Table 2a is 8516-0101-XX; material code chosen from Table 1 is -57; part number is 8516-0101-57.

All dimensions shown are in inches (millimeters) unless otherwise specified.



MIL Connector Gaskets (continued)

Table 2a. AN Connector Gasket Per MIL-C-5015 MS3102

Shell Size	Dimensions (See Figure 1)				Base Part No.
	A	B	C	D	
8	0.594 (15,1)	0.500 (12,7)	0.875 (22,2)	0.172 (4,4)	8516-0101-XX
10	0.719 (18,3)	0.625 (15,9)	1.000 (25,4)	0.172 (4,4)	8516-0102-XX
12	0.813 (20,7)	0.750 (19,5)	1.094 (27,8)	0.172 (4,4)	8516-0103-XX
14	0.906 (23,0)	0.875 (22,2)	1.188 (30,2)	0.172 (4,4)	8516-0104-XX
16	0.969 (24,6)	1.000 (25,4)	1.281 (32,5)	0.172 (4,4)	8516-0105-XX
18	1.063 (27,0)	1.125 (28,6)	1.375 (34,9)	0.203 (5,2)	8516-0106-XX
20	1.156 (29,4)	1.250 (31,8)	1.500 (38,1)	0.203 (5,2)	8516-0107-XX
22	1.250 (31,8)	1.375 (34,9)	1.625 (41,3)	0.203 (5,2)	8516-0108-XX
24	1.375 (34,9)	1.500 (38,1)	1.750 (44,5)	0.203 (5,2)	8516-0109-XX
28	1.563 (39,7)	1.750 (44,5)	2.000 (50,8)	0.203 (5,2)	8516-0110-XX
32	1.750 (44,5)	2.000 (50,8)	2.250 (57,2)	0.219 (5,6)	8516-0111-XX
36	1.938 (49,2)	2.188 (55,6)	2.500 (63,5)	0.219 (5,6)	8516-0112-XX
37	1.938 (49,2)	2.188 (55,6)	2.500 (63,5)	0.219 (5,6)	8516-0113-XX
40	2.188 (55,6)	2.438 (61,9)	2.750 (69,9)	0.219 (5,6)	8516-0114-XX
44	2.375 (60,3)	2.781 (70,6)	3.000 (76,2)	0.219 (5,6)	8516-0115-XX
48	2.625 (66,7)	3.031 (77,0)	3.250 (82,6)	0.219 (5,6)	8516-0116-XX

Table 2b. PT, PC, and JT Connector Gasket Per MIL-C-26482 MS3110, 3112, 2119, 3120

Shell Size	Dimensions (See Figure 1)				Base Part No.
	A	B	C	D	
6	0.469 (11,9)	0.375 (9,5)	0.688 (17,5)	0.130 (3,3)	8516-0117-XX
8	0.594 (15,1)	0.500 (12,7)	0.812 (20,6)	0.130 (3,3)	8516-0118-XX
10	0.719 (18,3)	0.625 (15,9)	0.938 (23,8)	0.130 (3,3)	8516-0119-XX
12	0.813 (20,7)	0.750 (19,1)	1.031 (26,2)	0.130 (3,3)	8516-0120-XX
14	0.906 (23,0)	0.875 (22,2)	1.125 (28,6)	0.130 (3,3)	8516-0121-XX
16	0.969 (24,6)	1.000 (25,4)	1.219 (31,0)	0.130 (3,3)	8516-0122-XX
18	1.063 (27,0)	1.125 (28,6)	1.312 (33,3)	0.130 (3,3)	8516-0123-XX
20	1.156 (29,4)	1.250 (31,8)	1.438 (36,5)	0.130 (3,3)	8516-0124-XX
22	1.250 (31,8)	1.375 (34,9)	1.563 (39,7)	0.130 (3,3)	8516-0125-XX
24	1.375 (34,9)	1.500 (38,1)	1.688 (42,9)	0.130 (3,3)	8516-0126-XX

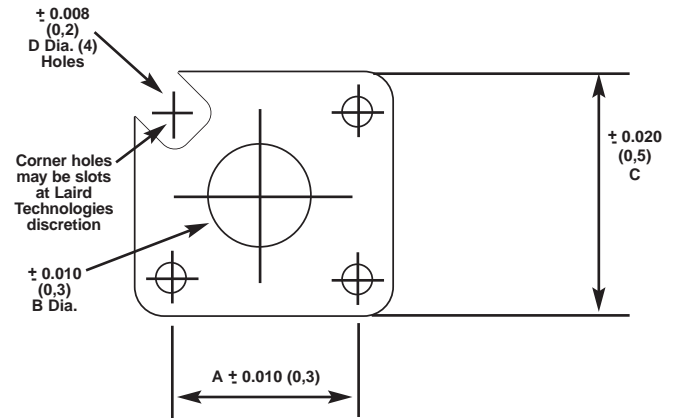
Table 2c. Gaskets for Bendix SP Connectors

Shell Size	Dimensions (See Figure 1)				Base Part No.
	A	B	C	D	
6	0.641 (16,3)	0.375 (9,5)	0.963 (24,5)	0.160 (4,1)	8516-0127-XX
8	0.734 (18,6)	0.500 (12,7)	1.047 (26,6)	0.160 (4,1)	8516-0128-XX
10	0.812 (20,6)	0.625 (15,9)	1.125 (28,6)	0.160 (4,1)	8516-0129-XX
12	0.938 (23,8)	0.750 (19,1)	1.250 (31,8)	0.160 (4,1)	8516-0130-XX
14	1.031 (26,2)	0.875 (22,2)	1.344 (34,1)	0.160 (4,1)	8516-0131-XX
16	1.125 (28,6)	1.000 (25,4)	1.437 (36,5)	0.160 (4,1)	8516-0132-XX
18	1.203 (30,6)	1.125 (28,6)	1.516 (38,5)	0.160 (4,1)	8516-0133-XX
20	1.297 (32,9)	1.250 (31,8)	1.672 (42,5)	0.160 (4,1)	8516-0134-XX
22	1.375 (34,9)	1.375 (34,9)	1.750 (44,5)	0.160 (4,1)	8516-0135-XX

Table 2d. RF Connectors

Shell Size	Dimensions (See Figure 1)				Base Part No.
	A	B	C	D	
BN	0.500 (12,7)	0.437 (11,1)	0.687 (17,5)	0.109 (2,8)	8516-0136-XX
BNC	0.500 (12,7)	0.437 (11,1)	0.687 (17,5)	0.109 (2,8)	8516-0137-XX
C	0.719 (18,3)	0.625 (15,9)	1.000 (25,4)	0.172 (4,4)	8516-0138-XX
HN	0.906 (23,0)	0.750 (19,1)	1.188 (30,2)	0.140 (3,6)	8516-0139-XX
LC	1.437 (36,5)	1.250 (31,8)	2.000 (50,8)	0.257 (6,5)	8516-0140-XX
N	0.719 (18,3)	0.625 (15,9)	1.000 (25,4)	0.172 (4,4)	8516-0141-XX
UHF	0.969 (24,6)	1.000 (25,4)	1.281 (32,5)	0.172 (4,4)	8516-0142-XX

Figure 1.



Note: Holes closer to edges than 2x material thickness will be made as "u" slots at Laird Technologies option.

Table 3. MIL-DTL-83528-004 Connectors

MIL-DTL-83528-004-XXXX	Shell Size	Laird Technologies Part No.	A Hole Spacing ± 0.010	B Inside Dia. ± 0.010	C Outside ± 0.020	D Hole Dia. ± 0.008
1	6	8516-0143-XX	0.469 (11,9)	0.375 (9,5)	0.738 (18,7)	0.141 (3,6)
2	8	8516-0144-XX	0.594 (15,1)	0.630 (16,0)	0.840 (21,3)	0.135 (3,4)
3	8	8516-0145-XX	0.594 (15,1)	0.568 (14,4)	0.812 (20,6)	0.125 (3,2)
4	8	8516-0146-XX	0.594 (15,1)	0.500 (12,7)	0.875 (22,2)	0.156 (4,0)
5	9, 10	8516-0147-XX	0.719 (18,3)	0.750 (19,1)	0.965 (24,5)	0.135 (3,4)
6	10	8516-0148-XX	0.719 (18,3)	0.680 (17,3)	0.937 (23,8)	0.125 (3,2)
7	10S, SL	8516-0149-XX	0.719 (18,3)	0.625 (15,9)	1.000 (25,4)	0.156 (4,0)
8	11, 12	8516-0185-XX	0.812 (20,6)	0.875 (22,2)	1.060 (26,9)	0.141 (3,6)
9	12, 12S, SL	8516-0151-XX	0.813 (20,7)	0.750 (19,1)	1.094 (27,8)	0.141 (3,6)
10	13, 14	8516-0152-XX	0.906 (23,0)	0.1005 (25,5)	1.153 (29,3)	0.135 (3,4)
11	14	8516-0153-XX	0.906 (23,0)	0.938 (23,8)	1.125 (28,6)	0.125 (3,2)
12	14, 14S	8516-0154-XX	0.906 (23,0)	0.875 (22,2)	1.188 (30,2)	0.156 (4,0)
13	15, 16	8516-0155-XX	0.969 (24,6)	1.135 (28,8)	1.258 (32,0)	0.156 (4,0)
14	16	8516-0156-XX	0.969 (24,6)	1.063 (27,0)	1.250 (31,8)	0.125 (3,2)
15	16, 16S	8516-0157-XX	0.969 (24,6)	1.000 (25,4)	1.281 (32,5)	0.156 (4,0)
16	17, 18	8516-0158-XX	1.062 (27,0)	1.260 (32,0)	1.351 (34,3)	0.156 (4,0)
17	18	8516-0159-XX	1.062 (27,0)	1.189 (30,2)	1.343 (34,1)	0.125 (3,2)
18	18, 18S	8516-0160-XX	1.062 (27,0)	1.135 (28,8)	1.375 (34,9)	0.156 (4,0)
19	19, 20	8516-0161-XX	1.156 (29,4)	1.375 (34,9)	1.500 (38,1)	0.141 (3,6)
20	20	8516-0162-XX	1.156 (29,4)	1.312 (33,3)	1.467 (37,3)	0.125 (3,2)
21	20	8516-0163-XX	1.156 (29,4)	1.250 (31,8)	1.500 (38,1)	0.172 (4,4)
22	21, 22	8516-0164-XX	1.250 (31,8)	1.500 (38,1)	1.625 (41,3)	0.141 (3,6)
23	22	8516-0165-XX	1.250 (31,8)	1.437 (36,5)	1.562 (39,7)	0.125 (3,2)
24	22	8516-0167-XX	1.250 (31,8)	1.375 (34,9)	1.625 (41,3)	0.172 (4,4)
25	23, 24	8516-0168-XX	1.375 (34,9)	1.625 (41,3)	1.750 (44,5)	0.172 (4,4)
26	24	8516-0169-XX	1.375 (34,9)	1.563 (39,7)	1.703 (43,3)	0.152 (3,9)
27	24	8516-0403-XX	1.375 (34,9)	1.500 (38,1)	1.750 (44,5)	0.203 (5,2)
28	25	8516-0170-XX	1.500 (38,1)	1.750 (44,5)	1.875 (47,6)	0.172 (4,4)
29	28	8516-0171-XX	1.562 (39,7)	1.750 (44,5)	2.000 (50,8)	0.203 (5,2)
30	32	8516-0404-XX	1.750 (44,5)	2.000 (50,8)	2.250 (57,2)	0.219 (5,6)
31	36	8516-0172-XX	1.938 (49,2)	2.250 (57,2)	2.500 (63,5)	0.219 (5,6)
32	40	8516-0173-XX	2.188 (55,6)	2.500 (63,5)	2.750 (69,9)	0.219 (5,6)
33	44	8516-0405-XX	2.375 (60,3)	2.781 (70,6)	3.000 (76,2)	0.219 (5,6)
34	48	8516-0406-XX	2.625 (66,7)	3.031 (77,0)	3.250 (82,6)	0.219 (5,6)
35	3	8516-0407-XX	0.500 (12,7)	0.437 (11,1)	0.800 (20,3)	0.135 (3,4)
36	3	8516-0408-XX	0.500 (12,7)	0.437 (11,1)	0.687 (17,5)	0.135 (3,4)

Note: Material thickness 0.032 (0,8) ± 0.005 (0,1) unless otherwise specified.

For sizes not shown, please contact our sales department for ordering information.

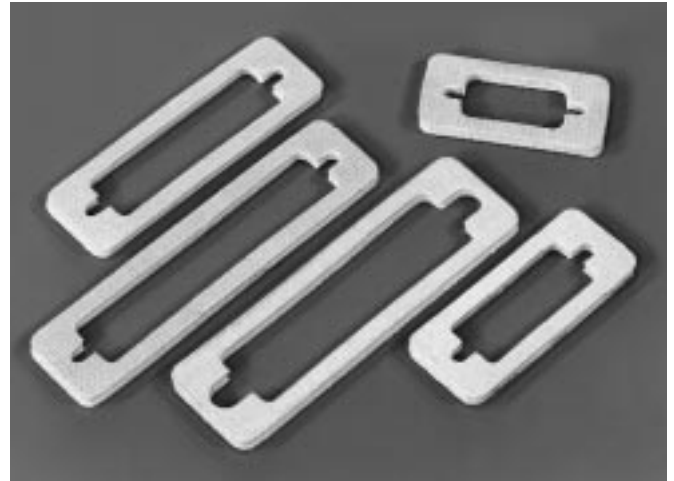


“D” Subminiature Connector Shields

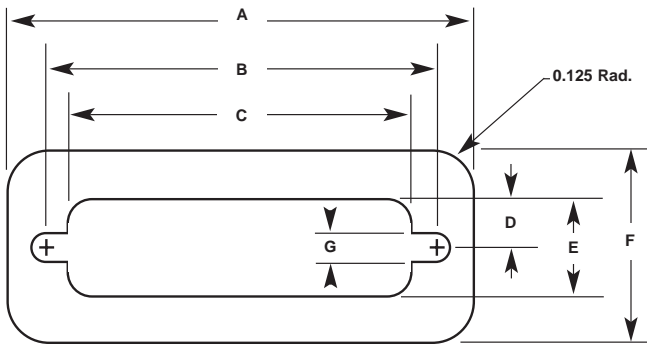
- Available in 9 pin to 50 pin “D” Connector styles
- Versatile front or rear mounting
- Custom shapes and designs available

“D” Connector Series Dimensions for Elastomers

Part No.	Thickness	# Pins	A	B	C	D	E	F	G
Tolerance:			± 0.015 (0,4)	± 0.010 (0,2)	± 0.015 (0,4)	Ref.	± 0.010 (0,3)	± 0.015 (0,4)	± 0.010 (0,3)
8516-0208-XX	0.030 (0,8)	9	1.410 (35,8)	0.980 (24,9)	0.780 (19,8)	0.220 (5,6)	0.440 (11,2)	0.690 (17,5)	0.130 (3,3)
8516-0201-XX	0.060 (1,5)								
8516-0209-XX	0.030 (0,8)	15	1.740 (44,2)	1.310 (33,3)	1.110 (28,2)	0.220 (5,6)	0.440 (11,2)	0.690 (17,5)	0.130 (3,3)
8516-0203-XX	0.060 (1,5)								
8516-0210-XX	0.030 (0,8)	25	2.280 (57,9)	1.850 (48,0)	1.650 (41,9)	0.220 (5,6)	0.440 (11,2)	0.690 (17,5)	0.130 (3,3)
8516-0202-XX	0.060 (1,5)								
8516-0211-XX	0.030 (0,8)	37	2.930 (74,4)	2.500 (63,5)	2.290 (58,2)	0.220 (5,6)	0.440 (11,2)	0.690 (17,5)	0.130 (3,3)
8516-0204-XX	0.060 (1,5)								
8516-0212-XX	0.030 (0,8)	50	2.840 (72,1)	2.410 (61,2)	2.110 (53,6)	0.280 (7,1)	0.550 (14,0)	0.800 (20,3)	0.240 (6,1)
8516-0205-XX	0.060 (1,5)								



To order replace XX with material code from the Material Compounds chart on pages 14–17.



All dimensions shown are in inches (millimeters) unless otherwise specified.

