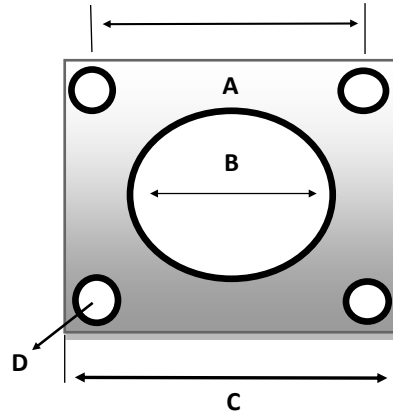


ECS CONNECTOR GASKETS



ECS Connector Gaskets can be die-cut from all ECS listed materials. The material listed below details ECS4 .032 thk oriented wire in solid silicone and .020 thk synthetic or silicone filled woven aluminum (24 x 24 aluminum screen). Also available in ECS3 Series conductive elastomers. Also available, M83528/004 connectors (see below)



STANDARD GASKETS / MIL-C-5015, MS-3102 CONNECTORS DIMENSIONS IN INCHES

SHELL SIZE	DIMENSIONS				Woven Aluminum 24 x 24 mesh		ECS4 Series
	A	B	C	D	NEOPRENE	SILICONE	
8	0.594	0.500	0.875	0.172	ECS6 -200	ECS6 -201	ECS4-202
10	0.719	0.625	1.000	0.172	ECS6 -203	ECS6 -204	ECS4-205
12	0.813	0.750	1.094	0.172	ECS6 -206	ECS6 -207	ECS4-208
14	0.906	0.875	1.188	0.172	ECS6 -209	ECS6 -210	ECS4-211
16	0.969	1.000	1.281	0.172	ECS6 -212	ECS6 -213	ECS4-214
18	1.063	1.125	1.375	0.203	ECS6 -215	ECS6 -216	ECS4-217
20	1.156	1.250	1.500	0.203	ECS6 -218	ECS6 -219	ECS4-220
22	1.250	1.375	1.625	0.203	ECS6 -221	ECS6 -222	ECS4-223
24	1.375	1.500	1.750	0.203	ECS6 -224	ECS6 -225	ECS4-226
28	1.563	1.750	2.000	0.203	ECS6 -227	ECS6 -228	ECS4-228
32	1.750	2.000	2.250	0.219	ECS6 -229	ECS6 -230	ECS4-231
36	1.938	2.188	2.500	0.219	ECS6 -232	ECS6 -233	ECS4-234
40	2.188	2.438	2.750	0.219	ECS6 -235	ECS6 -236	ECS4-237
44	2.375	2.781	3.000	0.219	ECS6 -238	ECS6 -239	ECS4-240
48	2.625	3.031	3.250	0.219	ECS6 -241	ECS6 -242	ECS4-243



7635 RONSON ROAD • SAN DIEGO, CALIFORNIA 92111 • TEL: 858-278-3270 • FAX: 858-278-2950
E-MAIL: sales@sandiegoseal.com • VISIT US AT: www.sandiegoseal.com

ECS CONNECTOR GASKETS

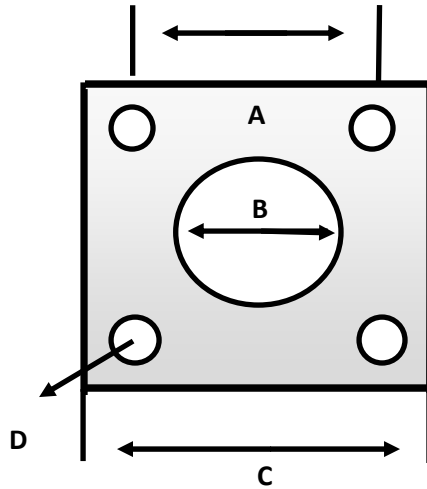
For PT&PC, JT, MS-3110, MS-3112, MS-3119, MS-3120, MIL-C-26482 Connectors, Dimensions in inches

SHELL SIZE	DIMENSIONS				Woven Aluminum 24 x 24 mesh		ECS4 Series
	A	B	C	D	NEOPRENE	SILICONE	
6	0.469	0.375	0.688	0.130	ECS6 -244	ECS6 -245	ECS4-246
8	0.594	0.500	0.812	0.130	ECS6 -247	ECS6 -248	ECS4-249
10	0.719	0.625	0.938	0.130	ECS6 -250	ECS6 -251	ECS4-252
12	0.813	0.750	1.031	0.130	ECS6 -253	ECS6 -254	ECS4-255
14	0.906	0.875	1.125	0.130	ECS6 -256	ECS6 -257	ECS4-258
16	0.969	1.000	1.219	0.130	ECS6 -259	ECS6 -260	ECS4-261
18	1.063	1.125	1.312	0.130	ECS6 -262	ECS6 -263	ECS4-264
20	1.156	1.250	1.438	0.130	ECS6 -265	ECS6 -266	ECS4-267
22	1.250	1.375	1.563	0.130	ECS6 -268	ECS6 -269	ECS4-270
24	1.375	1.500	1.688	0.156	ECS6 -271	ECS6 -272	ECS4-273
SHELL SIZE	DIMENSIONS				Woven Aluminum 24 x 24 mesh		ECS4 Series
	A	B	C	D	NEOPRENE	SILICONE	
6	0.641	0.375	0.953	0.160	ECS6 -274	ECS6 -275	ECS4-276
8	0.734	0.500	1.047	0.160	ECS6 -277	ECS6 -278	ECS4-279
10	0.812	0.625	1.125	0.160	ECS6 -280	ECS6 -284	ECS4-282
12	0.938	0.750	1.250	0.160	ECS6 -283	ECS6 -284	ECS4-285
14	1.031	0.875	1.344	0.160	ECS6 -286	ECS6 -287	ECS4-288
16	1.125	1.000	1.437	0.160	ECS6 -289	ECS6 -290	ECS4-291
18	1.203	1.125	1.516	0.160	ECS6 -292	ECS6 -293	ECS4-294
20	1.297	1.250	1.672	0.160	ECS6 -295	ECS6 -296	ECS4-297
22	1.375	1.375	1.750	0.160	ECS6 -298	ECS6 -299	ECS4-300



7635 RONSON ROAD • SAN DIEGO, CALIFORNIA 92111 • TEL: 858-278-3270 • FAX: 858-278-2950
E-MAIL: sales@sandiegoseal.com • VISIT US AT: www.sandiegoseal.com

ECS CONNECTOR GASKETS : M83528/004



Available in

ECS 1000 / 2000 5000 5000 F 6000 8000 8000F

Type: B Type D Type M Type A-C

P/N example ECS3 - XXX - XXXX Specification in table below

ECS Series	ECS Pt #	Material
Example: M83528	002/005 (size)	B (material)

The following are the most commonly required Connector Gaskets for Military & Commercial market. The standard thickness is .032+- .005

Part #	"A"	"B"	"C"	"D"	M83528/004
ECS3-301-XXXX	.469	.375	.738	.141	004/001
ECS3-302-XXXX	.594	.630	.840	.135	4/002
ECS3-303-XXXX	.594	.568	.812	.125	4/003
ECS3-304-XXXX	.594	.500	.812	.156	4/004
ECS3-305-XXXX	.719	.750	.965	.135	4/005
ECS3-306-XXXX	.719	.680	.937	.125	4/006
ECS3-307-XXXX	.719	.625	1.000	.156	4/007
ECS3-308-XXXX	.812	.875	.1.060	.141	4/008
ECS3-309-XXXX	.813	.750	1.094	.141	4/009



ECS CONNECTOR GASKETS : Military type per M83528/004

Part #	"A"	"B"	"C"	"D"	M83528/004
ECS3-310-XXXX	.906	1.005	1.153	.135	4/010
ECS3-311-XXXX	.906	.938	1.125	.125	4/011
ECS3-312-XXXX	.906	.875	1.188	.156	4/012
ECS3-313-XXXX	.969	1.135	1.258	.156	4/013
ECS3-314-XXXX	.969	1.063	1.250	.125	4/014
ECS3-315-XXXX	.969	1.000	1.281	.156	4/015
ECS3-316-XXXX	1.062	1.260	1.351	.156	4/016
ECS3-317-XXXX	1.062	1.189	1.343	.125	4/017
ECS3-318-XXXX	1.062	1.135	1.375	.156	4/018
ECS3-319-XXXX	1.156	1.375	1.500	.141	4/019
ECS3-320-XXXX	1.156	1.312	1.467	.125	4/020
ECS3-321-XXXX	1.156	1.250	1.500	.172	4/021
ECS3-322-XXXX	1.250	1.500	1.625	.141	4/022
ECS3-323-XXXX	1.250	1.437	1.562	.125	4/023
ECS3-324-XXXX	1.250	1.375	1.625	.172	4/024
ECS3-325-XXXX	1.375	1.625	1.750	.172	4/025
ECS3-326-XXXX	1.375	1.563	1.703	.152	4/026
ECS3-327-XXXX	1.375	1.500	1.750	.203	4/027
ECS3-328-XXXX	1.500	1.750	1.875	.172	4/028



7635 RONSON ROAD • SAN DIEGO, CALIFORNIA 92111 • TEL: 858-278-3270 • FAX: 858-278-2950
 E-MAIL: sales@sandiegoseal.com • VISIT US AT: www.sandiegoseal.com

ECS CONNECTOR GASKETS : Military type per M83528/004

Part #	"A"	"B"	"C"	"D"	M83528/004
ECS3-329-XXXX	1.563	1.750	2.000	.203	4/029
ECS3-330-XXXX	1.750	2.000	2.250	.219	4/030
ECS3-331-XXXX	1.938	2.250	2.500	.219	4/031
ECS3-332-XXXX	2.188	2.500	2.750	.219	4/032
ECS3-333-XXXX	2.375	2.781	3.000	.219	4/033
ECS3-334-XXXX	2.625	3.031	3.250	.219	4/034

ECS CONNECTOR GASKETS : M83528/004

* Material Table Below *

	Carbon 1000	Nickel Graphite 2000	Nickel Graphite 2000F	Silver Aluminum 5000	Silver Aluminum 5000F	Silver Glass 6000	Silver Copper 8000
Elastomer	Silicone	Silicone	Fluoro- silicone	Silicone	Fluoro- silicone	Silicone	Silicone
Color	Black	Dark Gray	Dark Gray	Blue*	Blue*	Tan	Tan
Specific Gravity, gm/cc	1.2	1.95	1.95	2.0	2.0	1.9	3.5
Durometer Shore A	70	30-70	65	65	70	65	65
Volume Resistivity, Ohm-cm	7.0	0.10	0.10	0.008	0.012	0.006	0.004
Operating Temperature: Min C	-55°	-55°	-55°	-55°	-55°	-55°	-55°
Operating Temperature: Max C	200°	150°	150°	160°	160°	160°	125°
Compression Deflection % Min.	3.5	3.5	3.0	3.5	3.5	3.5	3.5
Tensile Strength, P.S.I.	650	150	150	200	180	200	200
Elongation % Min.	100%	100%	100%	100%	60%	100%	100%
Elongation % Max.	-	-	-	300%	260%	300%	300%
Compression Set %	40	35	25	32	30	30	32
Tear Strength lb./in.	40	40	35	30	35	30	25
Shielding Effectiveness (100 Mhz)	80	100	100	120	120	100	120
Shielding Effectiveness (500 Mhz)	80	100	100	120	120	100	120
Shielding Effectiveness (2 Ghz)	60	100	100	115	115	90	120
Shielding Effectiveness (10 Ghz)	50	100	100	115	115	90	120



7635 RONSON ROAD • SAN DIEGO, CALIFORNIA 92111 • TEL: 858-278-3270 • FAX: 858-278-2950
E-MAIL: sales@sandiegoseal.com • VISIT US AT: www.sandiegoseal.com