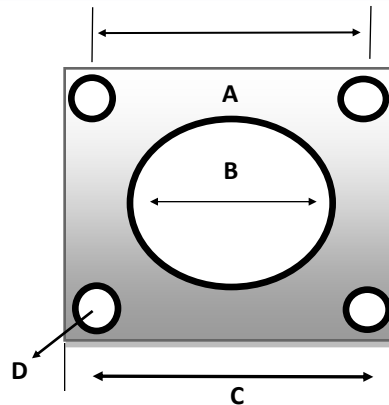


EAST COAST SHIELDING

ECS CONNECTOR GASKETS : Non Military type (pages 9, 10)

Military type per M83528/002-M83528/005 (pages 11, 12, 13)



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	.594	.500	.875	.172	ECS6-200	ECS6-201	ECS4-202
10	.719	.625	1.000	.172	ECS6-203	ECS6-204	ECS4-205
12	.813	.750	1.094	.172	ECS6-206	ECS6-207	ECS4-208
14	.906	.875	1.188	.172	ECS6-209	ECS6-210	ECS4-211
16	.969	1.000	1.281	.172	ECS6-212	ECS6-213	ECS4-214
18	1.063	1.125	1.375	.203	ECS6-215	ECS6-216	ECS4-217
20	1.156	1.250	1.500	.203	ECS6-218	ECS6-219	ECS4-220
22	1.250	1.375	1.625	.203	ECS6-221	ECS6-222	ECS4-223
24	1.375	1.500	1.750	.203	ECS6-224	ECS6-225	ECS4-226
28	1.563	1.750	2.000	.203	ECS6-227	ECS6-228	ECS4-229
32	1.750	2.000	2.250	.219	ECS6-230	ECS6-231	ECS4-232
36	1.938	2.188	2.500	.219	ECS6-233	ECS6-234	ECS4-235
40	2.188	2.438	2.750	.219	ECS6-236	ECS6-237	ECS4-238
44	2.375	2.781	3.000	.219	ECS6-239	ECS6-240	ECS4-241
48	2.625	3.031	3.250	.219	ECS6-242	ECS6-243	ECS4-244

EAST COAST SHIELDING

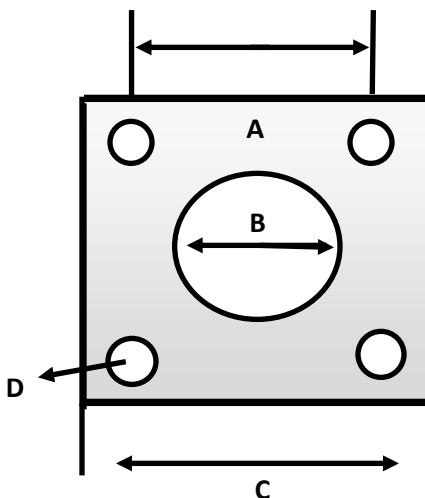
ECS CONNECTOR GASKETS

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	.469	.375	.688	.130	ECS6-245	ECS6-246	ECS4-247
8	.594	.500	.812	.130	ECS6-248	ECS6-249	ECS4-250
10	.719	.625	.938	.130	ECS6-251	ECS6-252	ECS4-253
12	.813	.750	1.031	.130	ECS6-254	ECS6-255	ECS4-256
14	.906	.875	1.125	.130	ECS6-257	ECS6-258	ECS4-259
16	.969	1.000	1.219	.130	ECS6-260	ECS6-261	ECS4-262
18	1.063	1.125	1.312	.130	ECS6-263	ECS6-264	ECS4-265
20	1.156	1.250	1.438	.130	ECS6-266	ECS6-267	ECS4-268
22	1.250	1.375	1.563	.130	ECS6-269	ECS6-270	ECS4-271
24	1.375	1.500	1.688	.156	ECS6-272	ECS6-273	ECS4-274
Shell Size	Dimensions				Woven Aluminum 24 x 24 Mesh		ECS4 Series
	A	B	C	D	Neoprene	Silicone	
6	.641	.375	.953	.160	ECS6-275	ECS6-276	ECS4-277
8	.734	.500	1.047	.160	ECS6-278	ECS6-279	ECS4-280
10	.812	.625	1.125	.160	ECS6-281	ECS6-282	ECS4-283
12	.938	.750	1.250	.160	ECS6-284	ECS6-285	ECS4-286
14	1.031	.875	1.344	.160	ECS6-287	ECS6-288	ECS4-289
16	1.125	1.000	1.437	.160	ECS6-290	ECS6-291	ECS4-292
18	1.203	1.125	1.516	.160	ECS6-293	ECS6-294	ECS4-295
20	1.297	1.250	1.672	.160	ECS6-296	ECS6-297	ECS4-298
22	1.375	1.375	1.750	.160	ECS6-299	ECS6-300	ECS4-301

EAST COAST SHIELDING

ECS CONNECTOR GASKETS : M83528/004



Available in

ECS 1000 / 2000 5000 5000 F 6000 8000 8000F

Type: B Type D Type M Type A & K Type C

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

ECS Series	ECS Pt #	Material
Example: M83528	004	B (material)

001 (size)

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-XXX	.469	.375	.738	.141	004/001
ECS3-302-XXX	.594	.630	.840	.135	004/002
ECS3-303-XXX	.594	.568	.812	.125	004/003
ECS3-304-XXX	.594	.500	.812	.156	004/004
ECS3-305-XXX	.719	.750	.965	.135	004/005
ECS3-306-XXX	.719	.680	.937	.125	004/006
ECS3-307-XXX	.719	.625	1.000	.156	004/007
ECS3-308-XXX	.812	.875	1.060	.141	004/008
ECS3-309-XXX	.813	.750	1.094	.141	004/009

EAST COAST SHIELDING

ECS CONNECTOR GASKETS : Military type per M83528/004

Part #	“A”	“B”	“C”	“D”	M83528/004
ECS3-310-XXXX	.906	1.005	1.153	.135	004/010
ECS3-311-XXXX	.906	.938	1.125	.125	004/011
ECS3-312-XXXX	.906	.875	1.188	.156	004/012
ECS3-313-XXXX	.969	1.135	1.258	.156	004/013
ECS3-314-XXXX	.969	1.063	1.250	.125	004/014
ECS3-315-XXXX	.969	1.000	1.281	.156	004/015
ECS3-316-XXXX	1.062	1.260	1.351	.156	004/016
ECS3-317-XXXX	1.062	1.189	1.343	.125	004/017
ECS3-318-XXXX	1.062	1.135	1.375	.156	004/018
ECS3-319-XXXX	1.156	1.375	1.500	.141	004/019
ECS3-320-XXXX	1.156	1.312	1.467	.125	004/020
ECS3-321-XXXX	1.156	1.250	1.500	.172	004/021
ECS3-322-XXXX	1.250	1.500	1.625	.141	004/022
ECS3-323-XXXX	1.250	1.437	1.562	.125	004/023
ECS3-324-XXXX	1.250	1.375	1.625	.172	004/024
ECS3-325-XXXX	1.375	1.625	1.750	.172	004/025
ECS3-326-XXXX	1.375	1.563	1.703	.152	004/026
ECS3-327-XXXX	1.375	1.500	1.750	.203	004/027
ECS3-328-XXXX	1.500	1.750	1.875	.172	004/028
ECS3-329-XXXX	1.563	1.750	2.000	.203	004/029
ECS3-330-XXXX	1.750	2.000	2.250	.219	004/030
ECS3-331-XXXX	1.938	2.250	2.500	.219	004/031
ECS3-332-XXXX	2.188	2.500	2.750	.219	004/032
ECS3-333-XXXX	2.375	2.781	3.000	.219	004/033
ECS3-334-XXXX	2.625	3.031	3.250	.219	004/034

EAST COAST SHIELDING

ECS CONNECTOR GASKETS : Military type per M83528/004

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

*** See next page for actual data (MIL-DTL-83528H Qualifying results for types A, B, D, & K) ***

EAST COAST SHIELDING
Qualifying Data for Types A, B, D, & K

	Silver Aluminum 5000-65 (Type B)	Silver Aluminum 5000F-70 (Type D)	Silver Copper 8000-65 (Type A)	Silver Copper 8000-85 (Type K)
Elastomer	Silicone	Fluorosilicone	Silicone	Silicone
Color	Blue	Blue	Tan	Tan
Specific Gravity, g/cc	2.0689	2.1998	3.5976	3.6612
Durometer, Shore A	67.66	70	71.33	81.33
Volume Resistivity, ohm-cm	.00278	.00326	.00107	.00127
Compression Deflection, %	16.66	13.217	12.793	12.793
Tensile Strength, PSI	278.108	330.137	353.004	602.853
Elongation, %	222.282	190.895	254.002	265.042
Compression Set, %	12.74	21.08	25.1533	25.6933
Tear Strength, lb./in.	53.192	66.972	54.837	81.169
Electrical Stability After Break, ohm-cm	.00295	.0072	.00097	.00186
Vibration, Ohm-cm During/After	.00719/.00126	.00213/.00089	.00279/.000413	.00145/.00045
Low Temp. Flex, °C TR10/TR70	-70 °C/-65 °C	-67.6 °C/-61.33 °C	-69 °C/-69 °C	-69.8 °C/-69.8 °C
Life Testing, Ohm-cm	.0046	.00632	.00548	.00616
EMP, Ohm-cm	.0083	.0103	.0053	.005
Fluid Immersion, Survivability	Not Survivable	Survivable	Not Survivable	Not Survivable
Shielding Effectiveness, 100 MHz	125	119	125	127
Shielding Effectiveness, 500 MHz	120	121	131	134
Shielding Effectiveness, 2 GHz	123	123	120	132
Shielding Effectiveness, 10 GHz	122	121	126	128