



EVSD Series Knitted Wire Mesh

EverShield wire mesh materials consist of an elastomer core with knitted wire mesh or as a knitted wire mesh over. The knitted wire mesh can be fabricated with .0035" (0.089) or .0045" (.114) diameter Monel or Tin-Plated, Copper-Clad Steel Wire, or with .005" (.127) diameter Aluminum Wire. The standard wire materials are Monel. Monel is used due to its good aging properties & excellent tensile strength. The elastomer cores are available in Neoprene Sponge, Silicone Sponge, or Solid Silicone Tubing.

APPLICATIONS

EverShield wire mesh provides first rate shielding in applications that need more robust gaskets. The wire mesh is perfect for applications that don't require an environmental seal. We suggest EverShield knitted wire mesh over an elastomer core for applications that need a sealing against the environment.

OPTIONS

We offer continuous length spools or can customize and cut to length based on your application. EverShield knitted wire mesh can be manufactured into an unlimited number of configurations.



Specifications

Monel Wire—.0035"/.0045 Diameter

SnCuFe Wire

Aluminum Wire—.005" Diameter

Tin-Plated Phosphor

Bronze Wire—.0045" Diameter

Neoprene Sponge Elastomer

Silicone Sponge Elastomer

Silicone Solid Elastomer

QQ-N-281

ASTM-B-520, 2-3% tin plating, 30-40% copper cladding and balance of weight is steel

Alloy 5056, MAS-4182

Phosphor Bronze Per ASTM B-105

Tin-Plate Per ASTM B-33

MIL-R-6130B Type II Grade A, Condition medium

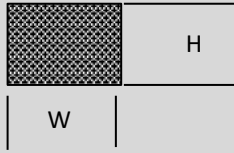
AMS-3195

ZZ-R-765 Class 2B, Grade 40

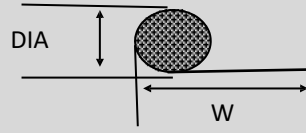
EverShield Knitted Wire Mesh Cross-Sections

EVSD Series

RECTANGULAR MESH



ROUND MESH WITH FIN

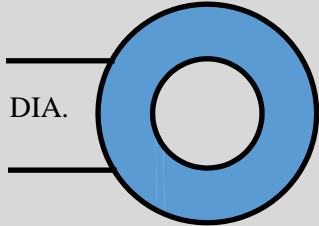


WIDTH (W)	HEIGHT (H)	CRT PART NUMBER	
		MONEL	SnCuFe
0.062 (1.57)	0.062 (1.57)	EVSD-1	EVSD-2
0.062 (1.57)	0.125 (3.18)	EVSD-3	EVSD-4
0.062 (1.57)	0.188 (4.78)	EVSD-4	EVSD-6
0.062 (1.57)	0.250 (6.35)	EVSD-7	EVSD-8
0.062 (1.57)	0.312 (7.92)	EVSD-9	EVSD-10
0.062 (1.57)	0.375 (9.53)	EVSD-11	EVSD-12
0.062 (1.57)	0.500 (12.70)	EVSD-13	EVSD-14
0.062 (1.57)	0.625 (15.88)	EVSD-15	EVSD-16
0.062 (1.57)	0.750 (19.05)	EVSD-17	EVSD-18
0.062 (1.57)	1.000 (25.40)	EVSD-19	EVSD-20
0.093 (2.36)	0.093 (2.36)	EVSD-21	EVSD-22
0.093 (2.36)	0.125 (3.18)	EVSD-23	EVSD-24
0.093 (2.36)	0.188 (4.78)	EVSD-25	EVSD-26
0.093 (2.36)	0.250 (6.35)	EVSD-27	EVSD-28
0.093 (2.36)	0.312 (7.92)	EVSD-29	EVSD-30
0.093 (2.36)	0.375 (9.53)	EVSD-31	EVSD-32
0.093 (2.36)	0.500 (12.70)	EVSD-33	EVSD-34
0.093 (2.36)	0.625 (15.88)	EVSD-35	EVSD-36
0.125 (3.18)	0.125 (3.18)	EVSD-37	EVSD-38
0.125 (3.18)	0.156 (3.96)	EVSD-39	EVSD-40
0.125 (3.18)	0.188 (4.78)	EVSD-41	EVSD-42
0.125 (3.18)	0.250 (6.35)	EVSD-43	EVSD-44
0.125 (3.18)	0.312 (7.92)	EVSD-45	EVSD-46
0.125 (3.18)	0.375 (9.53)	EVSD-47	EVSD-48
0.125 (3.18)	0.500 (12.70)	EVSD-49	EVSD-50
0.125 (3.18)	0.625 (15.88)	EVSD-51	EVSD-52
0.125 (3.18)	0.750 (19.05)	EVSD-53	EVSD-54
0.125 (3.18)	1.000 (25.40)	EVSD-55	EVSD-56
0.188 (4.78)	0.188 (4.78)	EVSD-57	EVSD-58
0.188 (4.78)	0.250 (6.35)	EVSD-59	EVSD-60
0.188 (4.78)	0.312 (7.92)	EVSD-61	EVSD-62
0.188 (4.78)	0.375 (9.53)	EVSD-63	EVSD-64
0.188 (4.78)	0.500 (12.70)	EVSD-65	EVSD-66
0.188 (4.78)	0.625 (15.88)	EVSD-67	EVSD-68
0.188 (4.78)	0.750 (19.05)	EVSD-69	EVSD-70
0.188 (4.78)	1.000 (25.40)	EVSD-71	EVSD-72
0.250 (6.35)	0.250 (6.35)	EVSD-73	EVSD-74
0.250 (6.35)	0.312 (7.92)	EVSD-75	EVSD-76
0.250 (6.35)	0.375 (9.53)	EVSD-77	EVSD-78
0.250 (6.35)	0.500 (12.70)	EVSD-79	EVSD-80
0.250 (6.35)	0.625 (15.88)	EVSD-81	EVSD-82
0.250 (6.35)	0.750 (19.05)	EVSD-83	EVSD-84
0.250 (6.35)	1.000 (25.40)	EVSD-85	EVSD-86
0.312 (7.92)	0.312 (7.92)	EVSD-87	EVSD-88
0.375 (9.53)	0.375 (9.53)	EVSD-89	EVSD-90
0.375 (9.53)	0.625 (15.88)	EVSD-91	EVSD-92

DIA (D)	OVERALL WIDTH (W)	CRT PART NUMBER	
		MONEL	SnCuFe
0.062 (1.57)	0.375 (9.53)	EVSD-93	EVSD-94
0.062 (1.57)	0.500 (12.70)	EVSD-95	EVSD-96
0.062 (1.57)	0.625 (15.88)	EVSD-97	EVSD-98
0.062 (1.57)	0.750 (19.05)	EVSD-99	EVSD-100
0.093 (2.36)	0.375 (9.53)	EVSD-101	EVSD-102
0.093 (2.36)	0.500 (12.70)	EVSD-103	EVSD-104
0.093 (2.36)	0.750 (19.05)	EVSD-105	EVSD-106
0.125 (3.18)	0.375 (9.53)	EVSD-107	EVSD-108
0.125 (3.18)	0.437 (11.11)	EVSD-109	EVSD-110
0.125 (3.18)	0.500 (12.70)	EVSD-111	EVSD-112
0.125 (3.18)	0.562 (14.27)	EVSD-113	EVSD-114
0.125 (3.18)	0.625 (15.88)	EVSD-115	EVSD-116
0.125 (3.18)	0.750 (19.05)	EVSD-117	EVSD-118
0.156 (3.96)	0.500 (12.70)	EVSD-119	EVSD-120
0.156 (3.96)	0.750 (19.05)	EVSD-121	EVSD-122
0.188 (4.78)	0.437 (11.11)	EVSD-123	EVSD-124
0.188 (4.78)	0.500 (12.70)	EVSD-125	EVSD-126
0.188 (4.78)	0.625 (15.88)	EVSD-127	EVSD-128
0.188 (4.78)	0.750 (19.05)	EVSD-129	EVSD-130
0.188 (4.78)	0.875 (22.23)	EVSD-131	EVSD-132
0.250 (6.35)	0.500 (12.70)	EVSD-133	EVSD-134
0.250 (6.35)	0.625 (15.88)	EVSD-135	EVSD-136
0.250 (6.35)	0.750 (19.05)	EVSD-137	EVSD-138
0.250 (6.35)	0.875 (22.23)	EVSD-139	EVSD-140
0.250 (6.35)	1.000 (25.40)	EVSD-141	EVSD-142
0.312 (7.92)	0.625 (15.88)	EVSD-143	EVSD-144
0.312 (7.92)	0.750 (19.05)	EVSD-145	EVSD-146
0.312 (7.92)	0.875 (22.23)	EVSD-147	EVSD-148
0.375 (9.53)	0.625 (15.88)	EVSD-149	EVSD-150
0.375 (9.53)	0.750 (19.05)	EVSD-151	EVSD-152
0.375 (9.53)	0.875 (22.23)	EVSD-153	EVSD-154
0.375 (9.53)	1.000 (25.40)	EVSD-155	EVSD-156
0.437 (11.11)	0.750 (19.05)	EVSD-157	EVSD-158
0.437 (11.11)	0.875 (22.23)	EVSD-159	EVSD-160
0.437 (11.11)	1.000 (25.40)	EVSD-161	EVSD-162
0.500 (12.70)	0.750 (19.05)	EVSD-163	EVSD-164
0.500 (12.70)	0.875 (22.23)	EVSD-165	EVSD-166
0.500 (12.70)	1.000 (25.40)	EVSD-167	EVSD-168

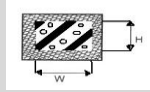


DIA (D)	CRT PART NUMBER	
	MONEL	SnCuFe
0.062 (1.57)	EVSD-169	EVSD-170
0.093 (2.36)	EVSD-171	EVSD-172
0.125 (3.18)	EVSD-173	EVSD-174
0.156 (3.96)	EVSD-175	EVSD-176
0.188 (4.78)	EVSD-177	EVSD-178
0.250 (6.35)	EVSD-179	EVSD-180
0.312 (7.92)	EVSD-181	EVSD-182
0.375 (9.53)	EVSD-183	EVSD-184
0.437 (11.11)	EVSD-185	EVSD-186
0.500 (12.70)	EVSD-187	EVSD-188



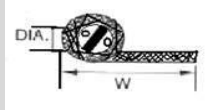
CORE DIA.*	CRT PART NUMBER	
	SILICONE SOLID TUBE	
	MONEL	SnCuFe
0.188 (4.78)	EVSD-189	EVSD-190
0.250 (6.35)	EVSD-191	EVSD-192
0.375 (9.53)	EVSD-193	EVSD-194
0.500 (12.70)	EVSD-195	EVSD-196

* These dimensions are for the elastomer core. Add 0.032" (0.81)
for outside dimensions or diameter



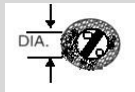
RECTANGULAR WITH SPONGE CORE

CORE HEIGHT(H)	CORE WIDTH (W)	PART NUMBER			
		NEOPRENE SPONGE		SILICONE SPONGE	
		MONEL	SnCuFe	MONEL	SnCuFe
0.125 (3.18)	0.125 (3.18)	EVSD-197	EVSD-198	EVSD-199	EVSD-200
0.125 (3.18)	0.156 (3.96)	EVSD-201	EVSD-202	EVSD-203	EVSD-204
0.125 (3.18)	0.188 (4.78)	EVSD-205	EVSD-206	EVSD-207	EVSD-208
0.125 (3.18)	0.250 (6.35)	EVSD-209	EVSD-210	EVSD-211	EVSD-212
0.188 (4.78)	0.188 (4.78)	EVSD-213	EVSD-214	EVSD-215	EVSD-216
0.250 (6.35)	0.250 (6.35)	EVSD-217	EVSD-218	EVSD-219	EVSD-220
0.250 (6.35)	0.375 (9.53)	EVSD-221	EVSD-222	EVSD-223	EVSD-224
0.250 (6.35)	0.500 (12.70)	EVSD-225	EVSD-226	EVSD-227	EVSD-228
0.375 (9.53)	0.500 (12.70)	EVSD-229	EVSD-230	EVSD-231	EVSD-232
0.375 (9.53)	0.625 (15.88)	EVSD-233	EVSD-234	EVSD-235	EVSD-236
0.500 (12.70)	0.500 (12.70)	EVSD-237	EVSD-238	EVSD-239	EVSD-240
0.500 (12.70)	0.750 (19.05)	EVSD-241	EVSD-242	EVSD-243	EVSD-244



ROUND WITH FIN AND SPONGE CORE

CORE DIA. (D)	OVERALL WIDTH (W)	PART NUMBER			
		NEOPRENE SPONGE		SILICONE SPONGE	
		MONEL	SnCuFe	MONEL	SnCuFe
0.125 (3.18)	0.500 (12.70)	EVSD-245	EVSD-246	EVSD-247	EVSD-248
0.125 (3.18)	0.625 (15.88)	EVSD-249	EVSD-250	EVSD-251	EVSD-252
0.125 (3.18)	0.750 (19.05)	EVSD-253	EVSD-254	EVSD-255	EVSD-256
0.188 (4.78)	0.500 (12.70)	EVSD-257	EVSD-258	EVSD-259	EVSD-260
0.188 (4.78)	0.625 (15.88)	EVSD-261	EVSD-262	EVSD-263	EVSD-264
0.188 (4.78)	0.750 (19.05)	EVSD-265	EVSD-266	EVSD-267	EVSD-268
0.250 (6.35)	0.625 (15.88)	EVSD-269	EVSD-270	EVSD-271	EVSD-272
0.250 (6.35)	0.750 (19.05)	EVSD-273	EVSD-274	EVSD-275	EVSD-276
0.250 (6.35)	1.000 (25.40)	EVSD-278	EVSD-279	EVSD-280	EVSD-281
0.500 (12.70)	1.000 (25.40)	EVSD-282	EVSD-283	EVSD-284	EVSD-285
0.625 (15.88)	1.375 (34.93)	EVSD-286	EVSD-287	EVSD-288	EVSD-289



ROUND WITH SPONGE CORE

CORE DIA. (D)	PART NUMBER			
	NEOPRENE SPONGE		SILICONE SPONGE	
	MONEL	SnCuFe	MONEL	SnCuFe
0.062 (1.57)	EVDS-290	EVSD-291	EVSD-292	EVSD-293
0.125 (3.18)	EVSD-294	EVSD-295	EVSD-296	EVSD-297
0.188 (4.78)	EVSD-298	EVSD-299	EVSD-300	EVSD-301
0.250 (6.35)	EVSD-302	EVSD-303	EVSD-304	EVSD-305
0.312 (7.92)	EVSD-306	EVSD-307	EVSD-308	EVSD-309
0.375 (9.53)	EVSD-310	EVSD-311	EVSD-312	EVSD-313
0.437 (11.11)	EVSD-314	EVSD-315	EVSD-316	EVSD-317
0.500 (12.70)	EVSD-318	EVSD-319	EVSD-320	EVSD-321

OTHER CROSS SECTIONS AVAILABLE UPON REQUEST



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