

EAST COAST SHIELDING

WIRE ORIENTED SILICONE 150 SERIES



East Coast Shielding gaskets and gasketing material are a combination EMI shield with an environmental and pressure seal. East Coast Shielding wire oriented silicone is fabricated from individual wires in a silicone solid or silicone sponge elastomer. The wire provides the EMI shielding and the elastomer provides the environmental and pressure seal. Each individual wire is oriented perpendicular to the flange mating surface and is crimped to ensure proper contact.

APPLICATIONS:

East Coast Shielding wire oriented silicone is recommended for use in industrial, military and commercial applications requiring EMI shielding and environmental sealing with a low to moderate closure force. East Coast Shielding wire oriented silicone with the silicone sponge elastomer is designed for applications which have severe joint unevenness, require low closure forces, have a 5 PSI maximum operating pressure and require a greater compressibility than silicone solid. East Coast Shielding wire oriented silicone with the silicone solid elastomer is designed for applications requiring moderate closure forces, high operating pressures and requiring a wider temperature range. For operating pressures up to 250 PSI, wire oriented silicone strips are available with the wire contained in 0.25" of the width of the silicone solid elastomer.

Material Specifications:

Solid Silicone	A-A-59588, Class II, Grade 40 (Formerly ZZ-R-765)
Temperature Range	-60°C to 260°C
Sponge Silicone	AMS-3195
Temperature Range	-75°C to 205°C
Aluminum Wire	AMS 4182, Alloy 5056
Monel Wire	QQ-N-281 Class A
Wire Density / sq. in.	
Silicone Solid	900 ±15%
Silicone Sponge	600 ±15%
Seal	Waterproof

STRIPS AND SHEETS CROSS SECTION TOLERANCES		
DIMENSION	HEIGHT	WIDTH
0.032" (0.81)	+0.010" (.25)	+0.015" (.38)
0.126" (3.20)	+0.010" (.25)	+0.032" (.81)
0.251" (6.38)	-	+0.047" (1.19)
3" (76.20)	-	+0.13" (3.30)
4.5" (114.30)	-	+0.19" (4.83)
6" (152.40)	-	+0.25" (6.35)
9" (228.60)	-	+0.38" (9.65)

EAST COAST SHIELDING STRIPS



HEIGHT	WIDTH	SILICONE SOLID	SILICONE SPONGE	HEIGHT	WIDTH	SILICONE SOLID	SILICONE SPONGE
0.062	0.093	150-0001	150-0002	0.032	3"	150-0087	
0.062	0.125	150-0003	150-0004	0.032	4.5"	150-0089	
0.062	0.188	150-0005	150-0006	0.032	6"	150-0091	
0.062	0.25	150-0007	150-0008	0.032	9"	150-0093	
0.062	0.312	150-0009	150-0010	0.045	3"	150-0095	
0.062	0.375	150-0011	150-0012	0.045	4.5"	150-0097	
0.062	0.5	150-0013	150-0014	0.045	6"	150-0099	
0.062	0.625	150-0015	150-0016	0.045	9"	150-0101	
0.093	0.093	150-0017	150-0018	0.055	3"	150-0103	
0.093	0.125	150-0019	150-0020	0.055	4.5"	150-0105	
0.093	0.188	150-0021	150-0022	0.055	6"	150-0107	
0.093	0.25	150-0023	150-0024	0.055	9"	150-0109	
0.093	0.312	150-0025	150-0026	0.062	3"	150-0111	150-0112
0.093	0.375	150-0027	150-0028	0.062	4.5"	150-0113	150-0114
0.093	0.5	150-0029	150-0030	0.062	6"	150-0115	150-0116
0.093	0.625	150-0031	150-0032	0.062	9"	150-0117	150-0118
0.125	0.125	150-0033	150-0034	0.093	3"	150-0119	150-0120
0.125	0.188	150-0035	150-0036	0.093	4.5"	150-0121	150-0122

HEIGHT	WIDTH	SILICONE SOLID	SILICONE SPONGE	HEIGHT	WIDTH	SILICONE SOLID	SILICONE SPONGE
0.125	0.25	150-0037	150-0038	0.093	6"	150-0123	150-0124
0.125	0.312	150-0039	150-0040	0.093	9"	150-0125	150-0126
0.125	0.375	150-0041	150-0042	0.125	3"	150-0127	150-0128
0.125	0.5	150-0043	150-0044	0.125	4.5"	150-0129	150-0130
0.125	0.625	150-0045	150-0046	0.125	6"	150-0131	150-0132
0.156	0.125	150-0047	150-0048	0.125	9"	150-0133	150-0134
0.188	0.125	150-0049	150-0050	0.156	3"	150-0135	150-0136
0.188	0.188	150-0051	150-0052	0.156	4.5"	150-0137	150-0138
0.188	0.25	150-0053	150-0054	0.156	6"	150-0139	150-0140
0.188	0.312	150-0055	150-0056	0.156	9"	150-0141	150-0142
0.188	0.375	150-0057	150-0058	0.188	3"	150-0143	150-0144
0.188	0.5	150-0059	150-0060	0.188	4.5"	150-0145	150-0146
0.188	0.625	150-0061	150-0062	0.188	6"	150-0147	150-0148
0.25	0.125	150-0063	150-0064	0.188	9"	150-0149	150-0150
0.25	0.188	150-0065	150-0066	0.25	3"	150-0151	150-0152
0.25	0.25	150-0067	150-0068	0.25	4.5"	150-0153	150-0154
0.25	0.312	150-0069	150-0070	0.25	6"	150-0155	150-0156
0.25	0.375	150-0071	150-0072	0.25	9"	150-0157	150-0158
0.312	0.5	150-0085	150-0086				