

Stainless Steel Expanded Metal Specification

Stainless steel Standard expanded metal

Style	Lbs per 100 sq. ft	Sheet size ft		Design size, inch		Opening size, inch		Strand size, inch		Thickness, inch	No. of designs per ft	Open area
		Width	Length	SWD	LWD	SWO	LWO	Width	Thickness			
		SWD	LWD								SWD	
3/16" - .032	25	8 ft	4 ft	.218 in	.438 in	.078 in	.313 in	.060 in	.029 in	.028 in	60	43 %
1/2" - .051	25	4 ft	8 ft	.500 in	1.270 in	.313 in	1 in	.091 in	.040 in	.040 in	24	57 %
1/2" - .081	41	4 ft	8 ft	.500 in	1.270 in	.313 in	1 in	.103 in	.060 in	.060 in	24	57 %
3/4" - .051	16	4 ft	8 ft	.923 in	2.120 in	.750 in	1.813 in	.114 in	.040 in	.040 in	13	73 %
3/4" - .064	20	4 to 8 ft	8 to 4 ft	.923 in	2.130 in	.750 in	1.780 in	.122 in	.051 in	.051 in	13	72 %
3/4" - .081L	25	4 to 8 ft	8 to 4 ft	.923 in	2.215 in	.687 in	1.750 in	.134 in	.070 in	.070 in	13	70 %
3/4" - .081H	38	4 to 8 ft	8 to 4 ft	.923 in	2.120 in	.688 in	1.750 in	.172 in	.070 in	.070 in	13	63 %
3/4" - .125	61	4 ft	8 ft	.923 in	2.120 in	.625 in	1.750 in	.180 in	.095 in	.095 in	13	55 %
3/4" - .188	107	4 to 8 ft	8 to 4 ft	.923 in	2.130 in	.484 in	1.593 in	.205 in	.170 in	.170 in	13	60 %
1 1/2" - .051	11	4 to 8 ft	8 to 4 ft	1.330 in	3.090 in	1.095 in	2.750 in	.120 in	0.040 in	.040 in	9	80 %
1 1/2" - .081	20	4 ft	8 ft	1.333 in	3.150 in	1.063 in	2.750 in	.144 in	.055 in	.055 in	9	75 %
1 1/2" - .125	40	4 ft	8 ft	1.333 in	3.150 in	1.100 in	2.750 in	.190 in	.080 in	.080 in	9	65 %

Stainless Steel Flattened Expanded Metal

Style	Lbs per 100 sq. ft	Sheet size ft		Design size, inch		Opening size, inch		Strand size, inch		Overall thickness	No. of designs per ft	Open area
		Width	Length	SWD	LWD	SWO	LWO	Width	Thickness			
		SWD	LWD								SWD	
3/16" - .032	23	8 ft	8 ft	.200 in	.500 in	.166 in	.437 in	.020 in	.032 in	.068 in	60	52 %
1/2" - .051	27	4 ft	8 ft	.500 in	1.200 in	.375 in	.938 in	.094 in	.051 in	.158 in	24	70 %
1/2" - .081	44	4 ft	8 ft	.500 in	1.200 in	.813 in	.938 in	.096 in	.081 in	.186 in	24	60 %
3/4" - .051	17	4 ft	8 ft	.923 in	2 in	.823 in	1.175 in	.109 in	.051 in	.200 in	13	90 %
3/4" - .064	22	4 to 8 ft	8 to 4 ft	.923 in	2 in	.750 in	1.660 in	.111 in	.064 in	.200 in	13	75 %
3/4" - .081	41	4 ft	8 ft	.923 in	2 in	.750 in	1.688 in	.166 in	.081 in	.300 in	13	74 %
3/4" - .081L	27	4 to 8 ft	8 to 4 ft	.923 in	2 in	.750 in	1.680 in	.110 in	.081 in	.200 in	13	76 %
3/4" - .081H	41	4 to 8 ft	8 to 4 ft	.923 in	2 in	.688 in	1.688 in	.165 in	.081 in	.300 in	13	69 %
3/4" - .0125	65	4 ft	8 ft	.923 in	2 in	.590 in	1.688 in	.170 in	.125 in	.305 in	13	66 %
3/4" - .188	113	4 to 8 ft	8 to 4 ft	.923 in	2 in	1.225 in	1.350 in	.200 in	.188 in	.400 in	13	60 %
1 1/2" - .051	13	4 to 8 ft	8 to 4 ft	1.330 in	3 in	1.225 in	2.400 in	.110 in	.051 in	.200 in	9	88 %