

Monel Expanded Metal Specification

Monel Standard expanded metal

Style	Lbs per 100 sq. ft	Sheet size ft		Design size, inch		Opening size, inch		Strand size, inch		Overall thickness, inch	No. of designs per ft	% open area
		Width	Length	SWD	LWD	SWO	LWO	Width	Thickness		SWD	
½" - #20	50	4 ft	8 ft	.500	1.20	.437	.097	.080	.037 in	.164 in	24	70 %
½" - #18	73	4 ft	8 ft	.500	1.20	.438	.938	.087	.050 in	.164 in	24	77 %
½" - #16	91	4 ft	8 ft	.500	1.20	.438	.938	.087	.062 in	.164 in	24	70 %
½" - #13	187	4 ft	8 ft	.500	1.20	.313	.875	.120	.093 in	.225 in	24	58 %
¾" - #18	48	4 ft	8 ft	.923	2	.813	1.750	.106	.050 in	.200 in	13	89 %
¾" - #16	60	4 ft	8 ft	.923	2	.813	1.750	.106	.062 in	.200 in	13	85 %
¾" - #13	91	4 ft	8 ft	.923	2	.750	1.688	.108	.093 in	.200 in	13	78 %
¾" - #9	205	4 ft	8 ft	.923	2	.688	1.563	.161	.140	.300 in	13	67 %
1 ½" - #16	45	4 ft	8 ft	1.333	3	1.250	2.750	.115	.062 in	.220 in	9	89 %
1 ½" - #13	68	4 ft	8 ft	1.333	3	1.250	2.625	.116	.093 in	.220 in	9	86 %
1 ½" - #9	137	4 ft	8 ft	1.333	3	1.125	2.500	.155	.140 in	.280 in	9	75 %

Flattened expanded metal

½"-#20	48	4 ft	8 ft	.500	1.260	0.312	1	.091	.033 in	.033 in	24	60 %
½"-18	69	4 ft	8 ft	.500	1.260	0.313	1	.093	.033 in	.033 in	24	68 %
½"-#16	86	4 ft	8 ft	.500	1.260	0.313	1	.093	.040 in	.040 in	24	60 %
½"-#13	178	4 ft	8 ft	.500	1.260	0.250	1	.132	.080 in	.080 in	24	56 %
¾"-#18	46	4 ft	8 ft	.923	2.100	0.750	1.813	.118	.040 in	.040 in	13	77 %
¾"-#16	57	4 ft	8 ft	.923	2.100	0.750	1.813	.118	.048 in	.048 in	13	75 %
¾"-#13	87	4 ft	8 ft	.923	2.100	0.625	1.750	.120	.070 in	.070 in	13	74 %
¾"-#9	195	4 ft	8 ft	.923	2.100	0.563	1.688	.160	.119 in	.119 in	13	64 %
1 1/2"-#16	43	4 ft	8 ft	1.330	3.150	1.063	2.750	.124	.050 in	.050 in	9	83 %
1 1/2"-#13	65	4 ft	8 ft	1.330	3.150	1	2.625	.124	.079 in	.079 in	9	79 %
1 1/2"-#9	131	4 ft	8 ft	1.330	3.150	0.938	2.625	.165	.119 in	.119 in	9	76 %

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