

Edward J. Darby & Son, Inc.: Standard or Market Grade

In order to simplify the sometimes overwhelming world of wire mesh, the industry has defined what is referred to as “standard or market grade” wire meshes. Standard or market grade is a specific group of commonly used mesh and diameter wire combinations, which are usually available from stock. These square meshes offer a moderate diameter wire relative to the mesh opening size and are typically used in a wide array of industrial applications.

The metals and alloys typically include: T-304 stainless steel woven wire mesh, T-316 stainless steel woven wire mesh, plain steel woven wire mesh, copper woven wire mesh, brass woven wire mesh, bronze woven wire mesh, aluminum woven wire mesh, and Monel[®] woven wire mesh.

For most users of wire mesh and wire cloth, the market grade wire mesh specifications are an excellent starting point as a customer begins to narrow down their search for the most appropriate wire mesh for his/her particular application. As a rule, Darby attempts to keep these specifications on the floor and in stock.

For each specific mesh count, there is a corresponding diameter wire that is generally accepted to be the standard diameter wire. The list of standard or market grade meshes and diameter for T-304 SS is below. Keep in mind that these mesh and diameter wire combinations detailed below will be the same for other metals and alloys like T-316 SS, aluminum and copper.

Standard or Market Grade Wire Mesh Specifications - T-304 Stainless Steel Wire Mesh					
<i>Mesh</i>	<i>Diameter Wire</i>	<i>Darby Item #</i>	<i>Mesh</i>	<i>Diameter Wire</i>	<i>Darby Item #</i>
2 x 2	.063"	#2304.063PL	32 x 32	.010"	N/A
3 x 3	.054"	#3304.054PL	35 x 35	.010"	#35304.010PL
4 x 4	.047"	#4304.047PL	40 x 40	.010"	#40304.010PL
5 x 5	.041"	#5304.041PL	50 x 50	.009"	#50304.009PL
6 x 6	.035"	#6304.035PL	60 x 60	.0075"	#60304.0075PL
8 x 8	.028"	#8304.028PL	70 x 70	.0065"	#70304.0065PL
10 x 10	.025"	#10304.025PL	80 x 80	.0055"	#80304.0055PL
12 x 12	.023"	#12304.023PL	90 x 90	.005"	#90304.005PL
14 x 14	.020"	#14304.020PL	100 x 100	.0045"	#100304.0045PL
16 x 16	.018"	#16304.018PL	120 x 120	.0037"	#120316.0037PL
18 x 18	.017"	#18304.017PL	150 x 150	.0026"	#150304.0026PL
20 x 20	.016"	#20304.016PL	200 x 200	.0021"	#200304.0021PL
24 x 24	.014"	#24304.014PL	250 x 250	.0016"	#250316.0016PL
30 x 30	.012"	#30304.012PL	325 x 325	.0014"	#325316.0014PL