

Screen Mesh Conversion Chart

US Screen Mesh	Micron	Inches	MM
3	7086	0.279	7.08
4	4750	0.187	4.74
6	3360	0.132	3.36
8	2464	0.097	2.38
10	2000	0.075	2.00
12	1680	0.0661	1.68
14	1410	0.0555	1.41
16	1190	0.0469	1.19
18	1000	0.0394	1.00
20	840	0.0331	0.84
25	710	0.028	0.71
30	590	0.0232	0.59
40	420	0.0165	0.42
50	297	0.0117	0.297
60	250	0.0098	0.25
70	210	0.0083	0.21
80	177	0.007	0.177
100	149	0.0059	0.149
120	125	0.0049	0.125
140	105	0.0041	0.105
170	88	0.0035	0.088
200	74	0.0029	0.074
250	62	0.0024	0.062
270	53	0.0021	0.050
325	44	0.0017	0.044
400	37	0.0015	0.037
450	32	0.0013	0.033
500	25	0.0010	0.025
635	20	0.0008	0.020

Use this table as a reference source for converting between US Mesh, Micron, Inches, and Millimeters.



Tri-Clamp Connection Service Ratings for 304 & 316 SS Connections

Size OD (in)	3-Piece 13MHHS (psig)		High Pressure 13MHP (psig)		Snap-Lock EG13 (psig)	
	@ 70°F	@ 250°F	@ 70°F	@ 250°F	@ 70°F	@ 250°F
	1/2"	-	-	1500	1200	-
3/4"	-	-	1500	1200	-	-
1"	600	300	1500	1200	150	125
1-1/2"	600	300	1500	1200	150	125
2"	550	275	1000	800	150	125
2-1/2"	450	225	1000	800	150	125
3"	350	160	1000	800	150	125
4"	250	150	800	600	150	125
5"	-	-	-	-	-	-
6"	-	-	300	200	-	-
8"	-	-	250	150	-	-
10"	-	-	-	-	-	-
12"	-	-	150	100	-	-

Note: Pressure ratings are based upon hydrostatic tests using Standard Buna-N gaskets with proper joint assembly and the absence of shock pressure. All ratings are dependent upon the proper selection and installation of components