

Printable Mesh to Micron Conversion Table

Standard Reference: ASTM E11/ISO 3310-1 Precision Test Sieves

Company: Labsieve (Dahan Machinery) **WhatsApp:** +86 15236742901 **Email:** sale@xxdahan.com **Web:** www.labsieve.com

Mesh Count	Microns (μm)	Millimeters (mm)	Nominal Wire Diameter (mm)	ASTM E11 Aperture (μm)	ISO 3310-1 Aperture (μm)
4	4750	4.750	1.600	4750	4750
10	2000	2.000	0.900	2000	2000
20	841	0.841	0.510	841	850
40	400	0.400	0.280	400	400
50	297	0.297	0.210	297	300
80	177	0.177	0.125	177	180
100	149	0.149	0.100	149	150
200	74	0.074	0.050	74	75
325	44	0.044	0.030	44	45
400	37	0.037	0.025	37	38
500	25	0.025	0.020	25	25
1000	13	0.013	0.010	13	13

*** Technical Note:** Micron ratings are based on standard aperture tolerances defined by ASTM E11 and ISO 3310-1 specifications. Actual sieve open area percentage and effective particle size throughput may vary depending on nominal wire diameter choices and weaving types (plain weave vs. twill weave).