



Serial Number: XX02
 Manufacture Date: XX.XX.21



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Calibrated Size Estimation Chart Data Sheet

Chart Increments	Actual Dot Areas	Minimum	Maximum	Actual Dot Diameter
0.02 mm ²	0.022 mm ²	0.015	0.025	0.169
0.03 mm ²	0.031 mm ²	0.025	0.035	0.199
0.04 mm ²	0.043 mm ²	0.035	0.045	0.234
0.05 mm ²	0.053 mm ²	0.045	0.055	0.261
0.06 mm ²	0.064 mm ²	0.054	0.066	0.285
0.07 mm ²	0.075 mm ²	0.063	0.077	0.308
0.08 mm ²	0.084 mm ²	0.072	0.088	0.327
0.09 mm ²	0.092 mm ²	0.081	0.099	0.342
0.10 mm ²	0.104 mm ²	0.090	0.110	0.363
0.15 mm ²	0.153 mm ²	0.135	0.165	0.42
0.20 mm ²	0.200 mm ²	0.180	0.220	0.5
0.25 mm ²	0.253 mm ²	0.225	0.275	0.568
0.30 mm ²	0.304 mm ²	0.270	0.330	0.622
0.40 mm ²	0.411 mm ²	0.360	0.440	0.723
0.60 mm ²	0.570 mm ²	0.540	0.660	0.852
0.80 mm ²	0.766 mm ²	0.720	0.880	0.988
1.00 mm ²	1.036 mm ²	0.900	1.100	1.149
1.50 mm ²	1.499 mm ²	1.350	1.650	1.382
2.00 mm ²	1.986 mm ²	1.800	2.200	1.590
2.50 mm ²	2.544 mm ²	2.250	2.750	1.800
3.00 mm ²	3.086 mm ²	2.700	3.300	1.982
4.00 mm ²	3.986 mm ²	3.600	4.400	2.253
5.00 mm ²	4.939 mm ²	4.500	5.500	2.508

The dots on the chart are correct within an average 0.005 square millimeters or 10%, whichever is larger. The tolerance of +/- 0.005 square millimeters is applied to the 0.02 - 0.05 dots. The remainder of the dots have a +/- 10% applied to them. These tolerances apply only to the dot area, not the diameter.

Calibration of the Micro Vu Vertex (model number - 11UC, SN # 11UC01508) is performed in accordance with the procedures set forth by HJM Precision Inc. # 17025, A2LA Cal Lab Certificate # 179.01 and complies with relevant requirements of ANSI/NSCL Z540-1-1994, ISO/IEC 17025:2005, and Mil. Std. 45662A - standard expiration date-09/2022

PUA Technician: Lindsay Ferrari

The chart is made from photographic film; the dots are photographic emulsion that can be damaged if abraded. The chart should be visually inspected for physical damage to the measurement dots before each use. The chart should be replaced every 2 years of use.

Recommend environmental conditions for the storage and use of the chart: relative humidity 50% +/-10%, temperature 75 degrees +/- 5 degrees F. The film can change size very slightly under extreme temperature and relative humidity conditions. The recommend environmental conditions for the storage and use of the chart are guidelines; the film is dimensionally stable in normal working environments. The charts should be stored in a dustproof package.