

Screen Size Guide



DRAGON-LINE®

ORANGE MOBILE DRIP IRRIGATION

844-424-3724 / 120 E. Miller Ave. / Ulysses / KS / 67880

US Mesh	Micron	Inches	Common Item Size Comparison	
35	500	0.0197	Single Particle of Item	Size (microns)
45	354	0.0139	0.5 Millimeter(mm)	500
50	297	0.0117	Single Coffee Grind	355
60	250	0.0098	Table Salt (Large)	300
70	210	0.0083	Sand Particle (Large)	250
80	177	0.0070	0.25 Millimeter (mm)	250
100	149	0.0059	Table Salt (Fine)	100
120	130	0.0049	Sand Particle (Fine)	125
140	105	0.0041	Pollen molecule	90
170	88	0.0035	A Human Hair	70
200	74	0.0029	Silt Particle (Large)	50
230	63	0.0025	Limit of Human Vision	40
270	53	0.0021	White Blood Cell	25
325	44	0.0017	Red Blood Cell	6
400	37	0.0015	Silt Particle (Fine)	2
450	32	0.0013	Clay Particle (Large)	2
500	25	0.0010	Bacteria Cell	0.3
635	20	0.0008	Clay Particle (Fine)	0.1

This guide was create to give dealers and customers alike a better idea on sizing filter screens. Dragon-Line requires a screen of at least **120 mesh (130 Micron)** on all systems. Before installing filters at a location it is always best to conduct water quality analysis and to consult with either the filter manufacture or distributor