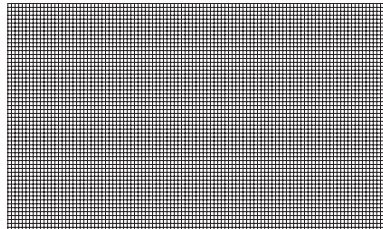




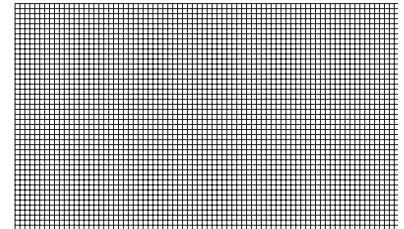
FILTERS – ACTUAL SIZE MESH

LENZ Cleanable Wire Cloth Filters are equipped with Stainless Steel Wire Cloth Elements. The filtering insert elements are available from a coarse 30 mesh up to a fine 200 mesh. To better illustrate mesh sizes, we have shown below the actual size mesh of the 100, 80, 50, 50, 40, and 30 mesh stainless steel wire screen. We have 10 and 25 micron pleated paper elements as well as 10 micron synthetic available. **We stock the 200, 100, 60, and 30 Stainless Steel Wire Mesh Screen. (100 Mesh—Standard)**

200 MESH
Wire diameter .0021
Width of opening .0029
Microns = 74
33.6% of open area

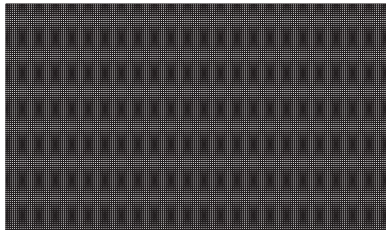


50 MESH
Wire diameter .0080
Width of opening .0120 = 308 Microns

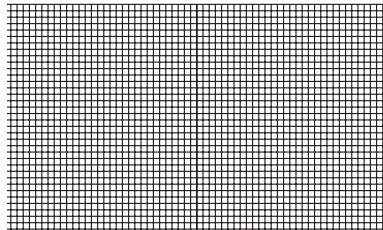


40 MESH
Wire diameter .0100
Width of opening .0150 = 385 Microns

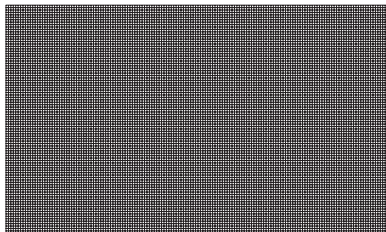
150 MESH
Wire diameter .0026
Width of opening .0041
Microns = 105



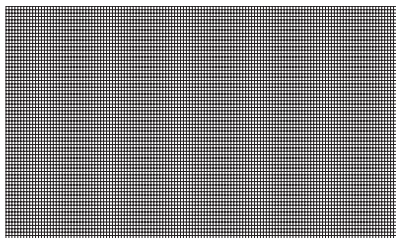
100 MESH
Wire diameter .0045
Width of opening .0055 = 141 Microns
30.3% of open area



30 MESH
Wire diameter .0120
Width of opening .0213 = 546 Microns
44.8% of open area



80 MESH
Wire diameter .0055
Width of opening .0070 = 180 Microns



60 MESH
Wire diameter .0065
Width of opening .0102 = 262 Microns
37.5% of open area

$$\beta_x = \frac{\text{Number of Particles greater than X microns upstream}}{\text{Number of particles greater than X Microns downstream}}$$

$$\beta_5 = 10/1 = 10$$

