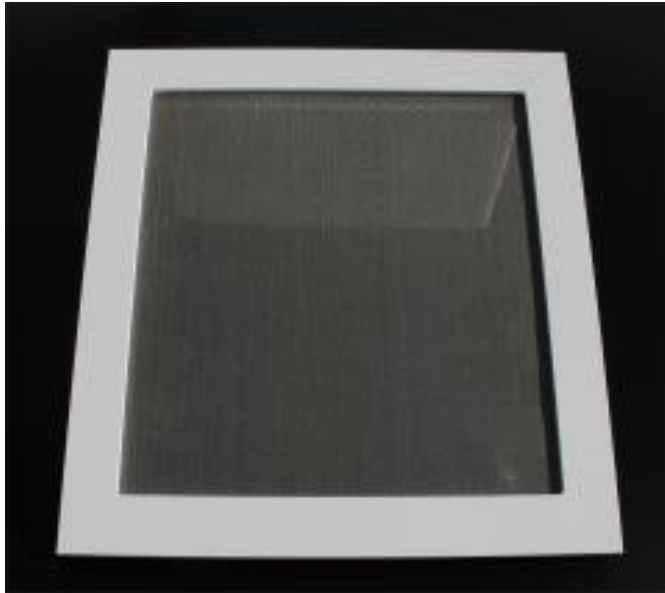


Biomesh Mite Screen



The BioMesh Mite Screen is used as an intercepting barrier in air conditioning systems in laboratories working in animal, botanical and entomological research facilities amongst others.

Our Biomesh screens meet the current Australian Standard AS/NZS 2243

The Laboratory Systems Group design can be made to virtually any size or shape to suit your application.

Features

- Customised sizes & shapes manufactured to your specific requirements.
- Polymer frame bonded to stainless steel mesh
- SS316 grade stainless steel mesh in either of two grades: 263 μm (=37% open area) [default] 98 μm (=35% open area) other grades on application
- An integral EPDM seal allows simplified installation
- Screen will mate up to any flat surface (recommended minimum flat face depth = 25mm)



Rev 23/10

Biomesh

Mite Screen



Testing conducted under the auspices of “Advanced Filtration” on 2nd September, 2016 using test equipment at their premises to determine the pressure drop generated by the two meshes when placed in a duct and subjected to varying air velocities.

Velocity m/s	Pressure Drop (Pa) 263uM Mesh	Pressure Drop (Pa) 98 uM Mesh
0.5	2	4
1.0	4	6
1.5	6	10
2.0	8	13
2.5	10	18
3.0	15	26
3.5	24	32
4.0	26	40
5.0	50	85
6.0	100	180



Call or email us to discuss your requirements—typical lead time to manufacture is only 5 working days from order. We can also make packers in a range of thicknesses to enable your mesh to clear louvre blades or similar if required.

We provide a 40mm frame all round, and work to O.D. dimensions when describing the size of the item.

(ie. Mesh area = width –80mm x height –80mm)

Nominal thickness of (uncompressed) screen 19mm

Please note: Screens are provided without fixing holes—all fixings should be applied outboard of gasket.

(Our recommendation is on approx. 100mm centres—spaced to suit your application)

Installer accepts responsibility for creating airtight join.