



## FLY SCREEN MESH



Our fly screen meshes are manufactured from woven fibreglass strands, the strands are ultrasonically welded to securely lock them together and they are then coated in PVC.

This produces a very strong mesh which is very durable for day to day usage and is rot proof for use in building structures.

The mesh is flexible and can be cut with scissors to the required dimension.

### SPECIFICATION

18 x 16 standard mesh

Construction - fibreglass / PVC ultrasonically welded

Density - warp 18 / weft 16 (18 / 16 threads per inch), approx 66% openness factor

Weight - 106 grams per sq mtr / ca. 12g +/- 3%

Thickness - ca 0.29mm +/- 0.04%

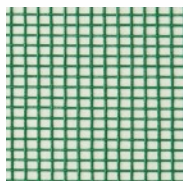
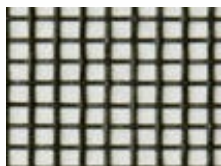
Resistance to temperature - -35c to +80c

Strength Warp - N/50mm 740

Strength Fill - N/50mm 590

Flame Resistance - Class 2 Self-Extinguishing

The 18/16 mesh is available in Black in 1.2 and 1.8 x 30 mtr rolls, Black, Grey and White colours in 30 x 1.2 mtr rolls which can be slit down to narrower rolls on request. The midge and pollen meshes are available in Black, all the meshes can be purchased in full roll quantities or by metre lengths.





## SPECIFICATION

20 /20 midge mesh

Construction - fibreglass / PVC ultrasonically welded

Density - warp 20 / weft 20 (20 / 20 threads per inch), approx 56% openness factor

Weight - grams per sq mtr / ca. 15g +/- 10%

Thickness - ca 0.29mm +/- 0.05%

Resistance to temperature - -35c to +80c

With over 500 different types of midges in the UK it is impossible to exclude all types, samples are available on request to test your particular needs.

## SPECIFICATION

PET MESH

Construction - fibreglass / PVC ultrasonically welded

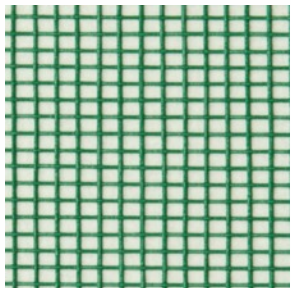
Density - warp 16 / weft 14 , approx 50% openness factor

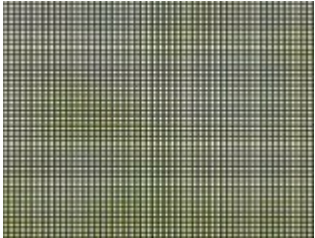
Weight - grams per sq mtr / ca. 20g +/- 10%

Thickness - ca 0.31mm +/- 0.05%

Resistance to temperature - -35c to +80c

Available in 1.2 mts wide either per metre or in full roll lengths of 30 mts, in the Grey colour, and can be used in the fixed panel range of fly screens.





## POLLEN MESH SPECIFICATION

Micrometer woven filter double structure pollen mesh

Construction - 100% Polyester

Tear strength, length - 231 N/5cm ISO 13934- 1:1999

Tear strength, width - 828 N/5cm

Air permeability - (20 Pa) in L/m<sup>3</sup> s - 1600 ISO 9237:1995

Air permeability - (25 Pa) in L/m<sup>3</sup> s - 1880

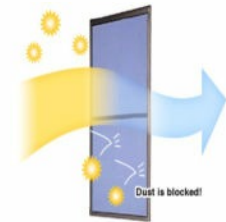
Density - 200 mesh lines per inch, approx 56% openness factor

Weight - grams per sq mtr / ca. 15g +/- 10%

Thickness - ca 0.29mm +/- 0.05%

Resistance to temperature - -35c to +80c

Available in 1.2 mts wide either per metre or in full roll lengths of 30 mts in length and can be used in the fixed panel range of fly screens.





## ROLLER FLY SCREEN MESH SPECIFICATION

18 x 16 standard mesh

Construction - fibreglass / PVC ultrasonically welded

Density - warp 18 / weft 16 (18 / 16 threads per inch), approx 66% openness factor

Weight - grams per sq mtr / ca. 12g +/- 10%

Thickness - ca 0.29mm +/- 0.05%

Resistance to temperature - -35c to +80c

19 x 19 midge mesh

Construction - fibreglass / PVC ultrasonically welded

Density - warp 19 / weft 19 (19 / 19 threads per inch), approx 56% openness factor

Weight - grams per sq mtr / ca. 12g +/- 10%

Thickness - ca 0.29mm +/- 0.05%

Resistance to temperature - -35c to +80c

The midge mesh installed in the roller fly screens is the 19/19 mesh which is a different type to the 20/20 used in the panel fly screens, samples are available on request to test your particular needs. As there are over 500 different species of midge in the UK alone we cannot guarantee that all midges will be excluded from your rooms

### PET MESH

The roller fly screen system is available with pet mesh, this is the standard mosquito or midge mesh treated with a strengthener, the panel fly screen pet mesh is of a different construction and cannot fit into the roller system. The pet mesh will help to protect against occasional pet claw swipes. As with all animals, pets are individuals and we cannot guarantee that a pet could not get through the mesh and so we would recommend using additional measures to keep pets indoors and to let them get accustomed to the mesh screen.