

ALUMINIUM-FRAMED MAGNETIC INSECT SCREEN



October 2019

Product Description:

- Magniscreen's unique patented design differs from all other Insect-/Fly Screen products as far as the appearance and operational features are concerned.
- Magniscreen has a rigid aluminium frame and adheres magnetically to steel-, wooden-, aluminium- and PVC windowframes.
- Magniscreen is designed with the emphasis on :

Durability

Ease of use:

To meet the aesthetic:

No Installation

Almost unobtrusive on the window

Ready to use

Ease of keeping the screen clean

Lightweight

No unsightly fixings or damages to window frames

Weight:

Average Window Screen : 800 gr

Volumetric Weight:

Average Window Screen : 3,953Kg (19765,94 cm³)

Screen Height:

35mm

Components:

Aluminium Frame:

- Rigid Aluminium profile with channels to accommodate plastic beading, magnet holders, corner pieces and woolpile.

Dimensions: 10 x 17 mm

Finish / colour: Mill Finish (Raw Aluminium): Shiny, silver appearance –

Anodised or Powder coated aluminium: Available in various colours. Prevents corrosion/rust, gives a professionally finished appearance to blend in on window frames.

Plastic Beading:

- UV resistant, high impact heavy metal free unplasticised PVC compound extrusion designed to tense and clip mesh onto the aluminium screen frame.

Dimensions: 12 x 3 mm

Finish / colour: Grey, Brown, White, Charcoal

Plastic POM Moulded components:

- Polyoxymethylene (POM) components are moulded to precise dimensions to fit into and clip onto the aluminium frame.
- POM, engineered thermoplastic is, due to its toughness, suitable for extreme environments/conditions.

POM Magnetholders:

- Magnet holders can be moved to avoid clashes with obstacles such as burglar bars and window fixtures.

Dimensions: 19 x 29 mm. Magnets need 14mm of window frame to adhere to.

13 x 47 mm Cover plate on outer side to cover joint between magnet and woolpile.

Finish / colour: Grey, Brown, White, Charcoal

POM Cornerpieces:

- Connect Aluminium profiles

Dimensions: 35mm (H)

Finish / colour: Grey, Brown, White, Charcoal

Oxide Magnets:

- High quality Oxide Magnet - never loses its magnetism except when exposed to heat of more than 100°C.

Carry capacity: 3 Kg per magnet

No of magnets: 4 - 8 Magnets per screen - secure a weight of 12-24 kg (Screens weigh on average 800 gr)

Woolpile:

- Woolpile, a brush-like sealant with soft yarn. Also known as "weather strips". Seals off the gap between aluminium frame and window frame. Serve as a seal over a variety of burglar bars and other obstacles (window fixtures etc)
- Allow screen to be placed (as is) on window frame without installation/adjustments (cutting & sawing).

Dimensions: 19mm (H) to accommodate burglar bars with height (thickness) of up to 14mm.

Screen mesh:

- High quality Vinyl-coated Fibreglass mesh (American type)
- Very low to zero deterioration under extreme sun shine and hi-humidity conditions.

• 18 x 16 Mesh Fiberglass Insect Screen (Size of mesh openings)

• Colors: Charcoal and Silver-Gray

• Fabric Thickness (inch) .0125

• Burst Strength (psi) 92

• Aperture: .0027

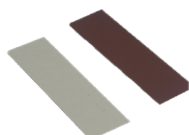
• Openness (%) 59

• Light Transmission 69%

• Yarn Diameter (inch) .010 - .011

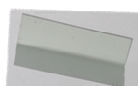
Chromadek Plates:

- Chromadek plates accommodate Wooden-, Aluminium- and PVC window frames. Brackets are glued with clear silicon to window frame onto which the magnets adhere. No damage is done to the window frame, or no unsightly fixtures on window frame.



Dimensions: 20 x 70 x .8mm

Finish / colour: Grey, Brown, White

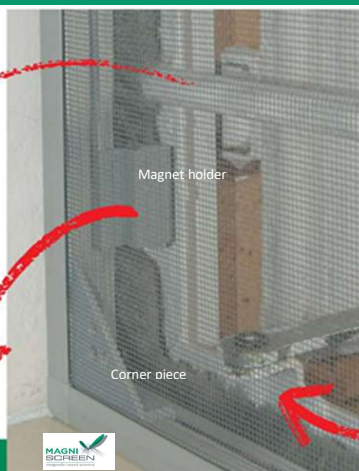


L-Brackets can be provided where there is not at least 14mm (width) space available on the window frame (due to tiling or plaster) onto which the magnets can stick.

- No Cutting / Sawing - Seals Effectively Over Burglar Bars



- Magnets can be moved to avoid clashes with obstacles such as burglar bars.



- Fits over window fixtures

