

Aluminium 18 x 14.009



General Description

Aluminum insect screen provides strong and durable protection against all types of insects and small rodents. It is long-lasting, easy to maintain and to install while offering an attractive streak-free appearance.

The mesh fits with nearly all usual insect screen systems and can also be used as dirt guard for light and cellar wells.

Properties

- ✓ Strong and durable
- ✓ Resists rust
- ✓ Protective acrylic finish

Application: Insect protection

Material: Aluminum / Acryl

Technical characteristics⁽¹⁾

Property	Unit	Nominal Value	Tolerance
Composition		Aluminum mesh, acrylic coated	
Mesh	wires	18x14/inch ²	+/- 1
Mesh width	mm	1,59 x 1,18	+/- 5%
Yarn thickness	mm	.009±0,228	+/- 0,03
Open area	%	72	+/- 5%
Area weight	g/m ²	140	+/- 5%
Breaking strength	N	n.a.	+/- 5%
Bursting strength *	N/cm ²	n.a.	+/- 5%
Stiffness	mg	n.a.	+/- 5%
Fire resistance	n.a.		

⁽¹⁾ Values presented above are nominal – subject to technical modifications.

Delivery specifications

Standard colors: aluminium color / bright + charcoal

Special colors

Winding: with cardboard core Ø inside ~ 4,5 cm

Roll width: 0,60m -1,50m

tolerance: +/- 6 mm

Roll length: 30m

tolerance: +2% / -0%

Fabric selvedge woven edge

Packaging: in transparent foil

Quality standard:

Other technical characteristics can be evaluated according to customer requirement

Pet Screen PET D-Fence 14 x 10.025



General Description

PVC coated polyester mesh for insect screening. Pet Screen provides extra strength to help resist damage caused by dogs and cats. This screen is also suitable for installing a cat flap.

Its attractive appearance and easy installation allows for a wide variety of applications. The mesh fits with nearly all usual insect screen systems.

Application: Insect protection

Material: Polyester mesh, PVC coated

Properties

- ✓ Ultra strong screening
- ✓ Resistant to UV and weathering
- ✓ Dimensionally stable, will not unravel

Technical characteristics⁽¹⁾

Property	Unit	Nominal Value	Tolerance
Composition		Polyester/ PVC	
Mesh	yarns	14x10/inch ²	+/- 0,4
Mesh width	mm	1,91 x 1,18	+/- 5%
Yarn thickness	mm	.025±0,635	+/- 0,02
Open area	%	47	
Area weight	g/m ²	360	+/- 10%
Breaking strength	N	>845	+/- 10%
Bursting strength *	N/cm ²	>258	
Stiffness	mg	650	+/- 10%
Fire resistance	extinguishes within 10 seconds after removal of flame source		

⁽¹⁾ Values presented above are nominal – subject to technical modifications.

Delivery specifications

Standard colors: black, gray

Special colors -

Winding: with cardboard core Ø inside ~ 5 cm

Roll width: black: 0,91m / 1,22m / 1,52m
gray: 0,91m / 1,20m / 1,50m

tolerance: +/- 6 mm

Roll length: 30,5 m

tolerance: +2% / -0%

Fabric selvage cut

Packaging: in transparent foil

Quality standard: ASTM D3656

Fiberglass 18 x 16.011



General Description

Fiberglass insect screen provides ultimate and long-lasting protection against all types of insects while offering high transparency and air permeability. Its attractive appearance and easy installation allows for a wide variety of applications. The mesh fits with nearly all usual insect screen systems.

The fabric type 18x16.011 is a standard worldwide and the most frequently used insect protection mesh. It is also usable as a dirt deflector for light and cellar wells and many further applications.

Application: Insect protection

Material: Fiberglass mesh, PVC coated

Properties

- ✓ Durable and resistant to UV and weathering
- ✓ Dimensionally stable, will not unravel
- ✓ Different colors available
 - charcoal for good transparency
 - white providing visual cover

Technical characteristics⁽¹⁾

Property	Unit	Nominal Value	Tolerance
Composition		PVC coated fiberglass	
Mesh	yarns	18x16/inch ²	+/- 1
Area weight	g/m ²	115	+/- 5g/m ²
Breaking strength	N	>667	
Stiffness	mg	80	+/- 30mg
Fire resistance	extinguishes within 10 seconds after removal of flame source		

⁽¹⁾ Values presented above are nominal – subject to technical modifications.

Delivery specifications

Standard colors: charcoal, gray
Special colors white
Winding: with cardboard core Ø inside ~ 4,5 cm
Roll width: 0,60 m – 2,60 m
 tolerance: +/- 5 mm
Roll length: 30 m/50 m/100m (other lengths on request)
 tolerance: +2% / -0%
Fabric selvedge cut
Packaging: in transparent foil

Quality standard: ASTM D3656