

Technical Data Sheet

Stainless Steel AISI304 wire ø 0,22mm



General Description

Stainless steel insect screen provides strong and durable protection against all types of insects, even wasps, small rodents and birds. It is easy to maintain and therefore especially suited to be used in hygiene-relevant areas such as canteen kitchens or other food processing establishments.

The mesh is streak-free, easy to install and fits with nearly all usual insect screen systems. It can also be used as dirt guard for light and cellar wells.

Material: Stainless steel mesh, uncoated

Technical characteristics⁽¹⁾

Property	Unit	Nominal Value	Tolerance
Application		Insect protection	
Composition		Stainless steel AISI 304	
Mesh	wires	16 x 16 / inch ² = 6,3 x 6,3 / cm ²	+/- 1 wire
Mesh width	mm	1,41 x 1,41	+/- 5%
Wire thickness		0,22 mm	+/- 0,03mm
Open area	%	74,9	+/- 5 %
Area weight	g / m ²	370	+/- 5 %
Bursting strength	N / cm ²		
Weave		Linon weave	
Temperature resistance			

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

Properties

- Dimensionally stable, strong and durable
- Weatherproof and resistant to corrosion
- Uncoated
- Easy to maintain
- High air permeability

Delivery specifications

Standard colors: stainless steel colored

Special colors:

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

Roll width: 0,80m – 1,50m (feasible manufacturing dimensions)
 tolerance: +/- 3mm

Roll length: standard 12,5m / 25m
 tolerance: +2% / -0%

Fabric selvage: cut

Packaging: in transparent No-Name plastic foil

Quality standard: according to ISO 9044

General information

- Other technical characteristics can be evaluated according to customer requirement