



# Spray Gun Filter

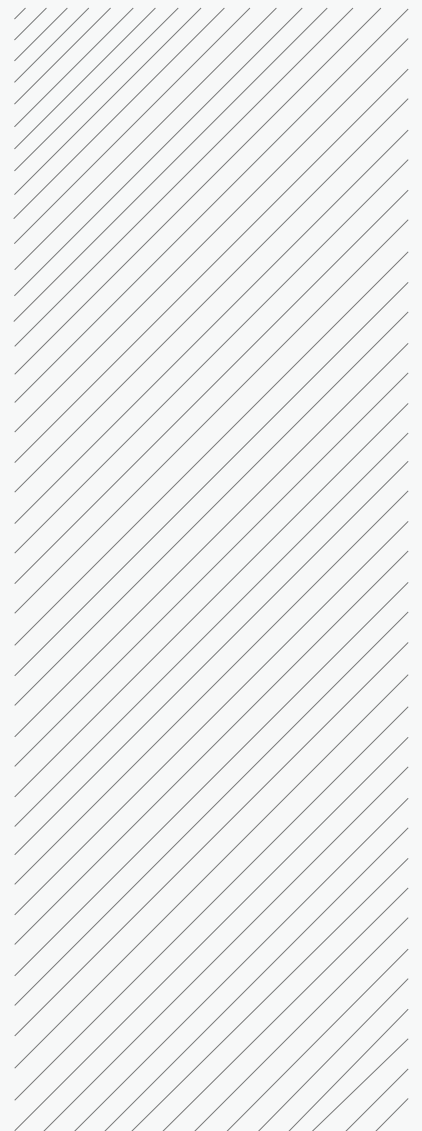
Weave Impossible to Possible



**BOEDON** Industech Limited

[www.boedon.com](http://www.boedon.com) | [sales@boedon.com](mailto:sales@boedon.com)

# BOEDON Brochure



## We offer a full range of **spray gun filters** to meet your demands for **paint gun filters**.

Spray gun filter is commonly used in air spray guns, airless spray guns, air-assisted airless spray guns and other spray guns to remove particulate impurities from paints. It reduces nozzle clogging and avoids uneven paint coatings arising from paint impurities. Meanwhile, installing a spray gun filter can effectively reduce the wear and tear of parts and components and extend their service life.

We can offer spray gun filters made of different materials and in different structures to adapt to various spray guns. Our main products include inlet spray gun filters, manifold spray gun filters and pen spray gun filters for airless painting, and gravity feed spray gun filters, siphon feed spray gun filters and tip spray gun filters for air painting, etc.



*Inlet spray gun filter*



*Manifold spray gun filter*



*Pen spray gun filter*



*Gravity feed spray gun filter*



*Siphon feed spray gun filter*



*Tip spray gun filter*

SPRAY GUN FILTER

# Inlet Spray Gun Filter



## Description

Inlet spray gun filter, also known as suction spray gun filter, generally consists of metal woven mesh screen and a stainless steel (or plastic) fitting. It is commonly used in the first stage spraying filtration of airless spray gun, and is an indispensable part of airless spray gun. Inlet spray gun filter can prevent large paint particles and debris from entering the pump, thus improving the spraying quality, reducing nozzle clogging and extending the service life of airless spray gun.



## Working Principle

Inlet spray gun filter is installed at the paint inlet of airless spray gun pump and serves as a suction filter of rigid pipes or flexible hoses with thread connection. At the first stage of filtration, paint is pumped into the spray gun pump under pressure. Large particles are intercepted after flowing into the spray gun filter and clean paint flows into the pipe.

## Specification

**Filter mesh material:** stainless steel  
**Fitting material:** plastic/stainless steel  
**Diameter:** 50 mm, or customized  
**Height:** 40 mm, or customized  
**Inlet thread type:** pipe thread (NPT)  
**Mesh layer:** single layer/double layer/customized  
**Thread:** 1", 1/2", 3/4", etc.  
**Mesh:** 10, 15, 30, 60, 100, 200, etc.

SPRAY GUN FILTER

# Manifold Spray Gun Filter

## Description

Manifold spray gun filter generally consists of stainless steel woven mesh and a plastic frame. It is typically used in the second stage spraying filtration of airless spray gun to effectively reduce nozzle clogging. Meanwhile, its vertical design makes it easy to replace and clean.



## Working Principle

Manifold spray gun filter is used in the second stage spraying filtration of airless spray gun. The paint after going through the first stage filtration of inlet spray gun filter is pumped into the manifold spray gun filter for fine filtration. The paint is further filtered and flows into the pipe.

## Specification

**Filter mesh material:** stainless steel 304, 306  
**Fitting material:** plastic  
**Overall size:** 0.785" × 3.585"  
**Inner diameter:** 0.676"  
**Mesh:** 30, 60, 100, 150, etc.  
**Color:** customized

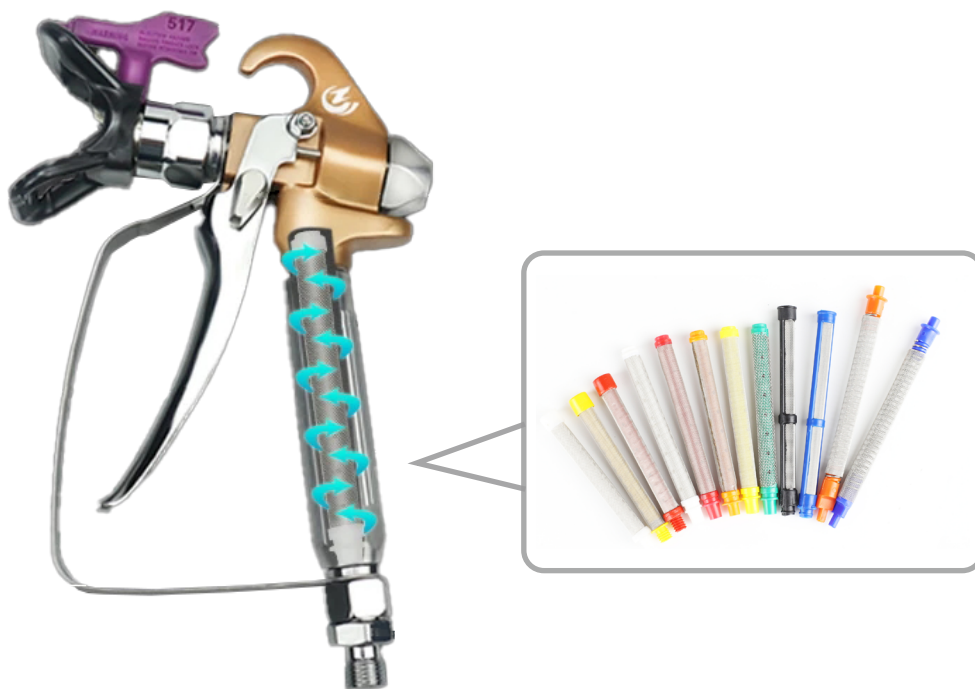


SPRAY GUN FILTER

# Pen Spray Gun Filter

## Description

Pen spray gun filter generally consists of stainless steel woven mesh and a plastic frame. It is typically used in the third stage spraying filtration of airless spray gun. It features small size and good portability. Stainless steel woven mesh is available in a full range of sizes to meet the paint requirements of various applications. In addition, pen spray gun filters can also be used in air-assisted airless spray gun.



## Working Principle

Pen spray gun filter is generally used in the third stage spraying filtration of airless spray gun and is installed inside the spray gun of airless spray gun. The paint after going through the first and second stage filtration is pumped into the spray gun for the third filtration. As the pen spray gun filter adopts the finest mesh, so it ensures the best paint quality and spraying effect.

## Specification

**Filter mesh material:** stainless steel

**Fitting material:** plastic

**Size:** 0.7" × 8.5" × 2.7", or customized.

**Mesh:** 30, 50, 60, 65, 100, 150, etc.

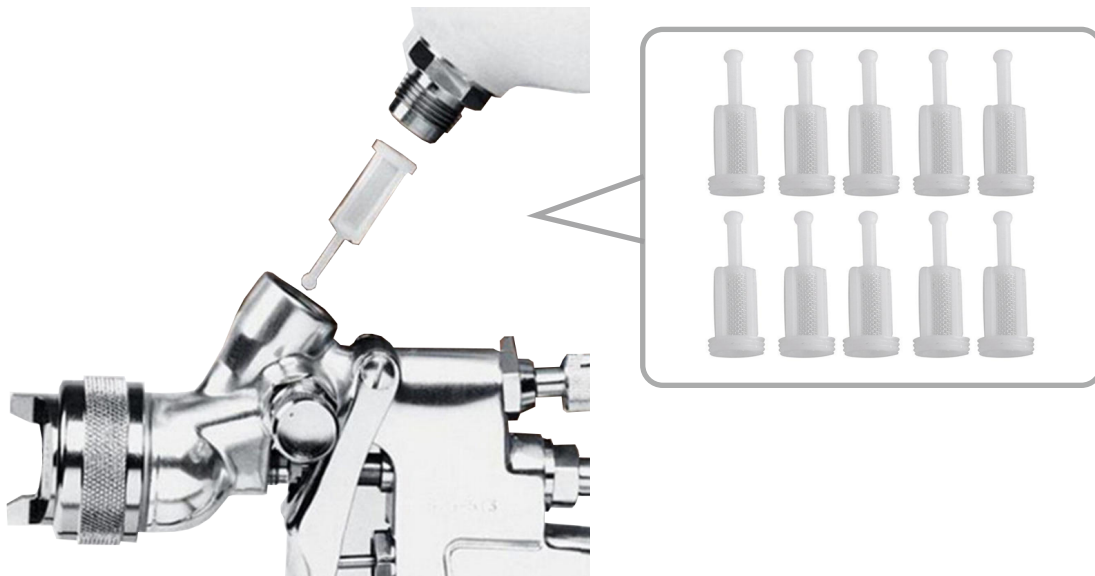
**Color:** customized

SPRAY GUN FILTER

# Gravity Feed Spray Gun Filter

## Description

Gravity feed spray gun filter consists of nylon woven mesh and a plastic frame and is generally installed between the spray gun and the paint cup. It can effectively remove contaminants from paints in gravity feed spray gun to ensure great spraying effect. It features small sizes and easy to install. Nylon has great corrosion resistance and can be used in a variety of paint filtration applications. Gravity feed spray gun filters are mostly disposable.



## Working Principle

Gravity feed spray gun filter is installed between the spray gun and the paint cup. Under the gravity, the paint passes the paint cup and flows into the filter. Large particulate impurities are intercepted and clean paint flows into the spray gun.

## Specification

**Filter mesh material:** nylon, plastic

**Fitting material:** plastic

**Size:** 35 × 11 mm, or customized.

**Mesh:** 30, 60, 100, 150, etc.

**Color:** white, customized

SPRAY GUN FILTER

# Siphon Feed Spray Gun Filter

## Description

Siphon feed spray gun filter generally consists of stainless steel woven mesh (or nylon monofilament mesh) and a plastic frame. It is generally installed at the end of spray gun suction pipe to effectively remove impurities, dust and debris from the paint. It has a small size, easy to install and clean.



## Working Principle

Siphon feed spray gun filter is generally installed at the end of spray gun suction pipe. The paint flows through the siphon feed spray gun filter under pressure. Large particulate particles are intercepted, and clean paint flows into the spray gun and is atomized by compressed air for paint spraying.

## Specification

**Filter mesh material:** nylon, stainless steel

**Frame material:** plastic

**Top width:** 25 mm, or customized

**Bottom width:** 35 mm or customized

**Height:** 42 mm, or customized

**Mesh:** 30, 60, 100, 150, etc.

**Wire diameter:** 0.5 mm

**Aperture:** 8 mm, 10 mm, 12 mm, etc.

**Color:** white

SPRAY GUN FILTER

# Tip Spray Gun Filter

## Description

Tip spray gun filter generally consists of stainless steel woven mesh and a plastic cap. It is installed at the nozzle of the airless spray gun or is embedded inside the spray gun paint pipe to filter out impurities from paints and prevent nozzle clogging, thus achieving a better spraying finish.

It has a small size, easy to install and clean. It is widely used in conventional pressure feed spray guns, HVLP spray guns, air-assisted spray guns, high pressure airless spray guns, etc. It is especially suitable for furniture, automobile and other industries requiring good surface treatment effects.



## Working Principle

It typically connects to the stainless steel shell and is installed at the flexible hose of tip spray gun filter. The paint is sucked into the hose under pressure and flows through the tip spray gun filter. Large particulate particles are intercepted and clean paint flows into the spray gun.

## Specification

**Filter mesh material:** nylon, stainless steel

**Fitting material:** plastic

**Length (height):** 15/16", customized

**Cap O.D. (width):** 9/16" (W), customized

**Mesh:** 60, 80, 20, 200, etc.

**Color:** customized.



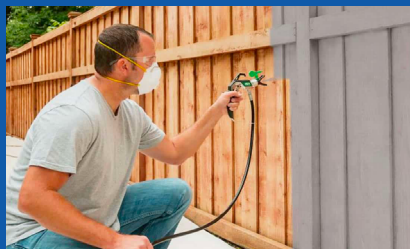
SPRAY GUN FILTER

# Features & Application

## Features

- Nylon or stainless steel material, suitable for most solvents, excellent corrosion resistance.
- Small size, simple structure, lightweight, easy to install and clean.
- Effectively reduce particulate impurities in paints and improve the quality of spraying surface.

## Application



Building outer wall spraying



Sidewalk spraying



Automobile spraying



Furniture spraying



**BOEDON** Industech Limited

# Weave Impossible to Possible



**E-Mail:** [sales@boedon.com](mailto:sales@boedon.com)

---

[www.boedon.com](http://www.boedon.com)