

# Miniature Filters & Housings



# Miniature Filter Housings & Sleeves

## Size 1 and 2

Uniquely identifiable by their size (from just 3"), the miniature range of filter housings and sleeves are an effective solution for low flow rate applications. Colour coded nylon (N) mesh sleeves are used to target coarse visible particulate and can be washed for reuse multiple times; whilst the porous polyethylene (Y) sleeve is an ideal solution for finer filtration, down to 5 micron. Configurable in 3" and 6", with 1/4" or 1/2" ports, in opaque polypropylene or clear polyamide, the clear housings provide simple visual identification of when filter change out is required.



**FDA**  
Compliant Materials

Filter Sleeves & Support Part Number

Code	Media	Size	Micron
SFS	Y	1	5, 25
		2	25
	N	1, 2	60 (white) 100 (blue) 150 (brown) 200 (green) 350 (grey)
SFSP-SUPPORT	-	1, 2	-

e.g. SFS-N-1-60

## Typical Applications

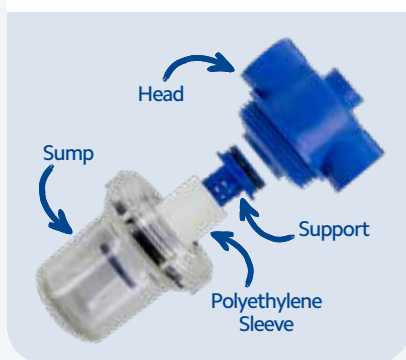
- Protection of sensitive instrumentation
- Pump protection
- Spray nozzle protection
- Pneumatic and hydraulic lines

## Key Features

- Unique colour coded nylon filter sleeves make product identification simple
- Perfectly suited for applications with limited space
- Multiple configurations provide tailored solutions for varying applications

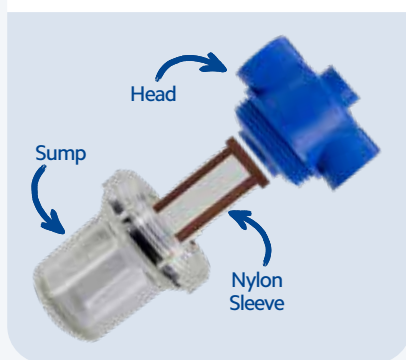
### Size 1

#### Polyethylene Sleeve With Support



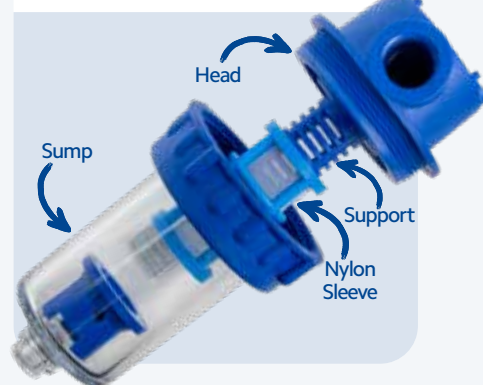
### Size 1

#### Nylon Sleeve (No Support Required)



### Size 2

#### Polyethylene & Nylon Sleeve With Support



## Materials of Construction

### Sleeve

Polyethylene (Y) Nylon (N)

### Support

Polypropylene

### Support Gasket

Buna-N

## Configurations

### Micron (µm)

5	25	60	100	150	200	350
-Polyethylene-		Nylon				

### Sleeve Size (")

1 = 1 ½	2 = 2 ½
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### Sleeve Media

Y = Single Use
N = Washable

## Specification

### Operating Temperature

4-40°C

### Max. Operating Pressure

Differential  
2.5 bar at 21°C

### Efficiency

SFS-Y = 70% SFS-N = 65%

Sleeves

Housings

### Housing

Polyamide (TC) Polypropylene (PB)

### Housing O-ring

Buna-N

### Housing Size (")

1 = 3	2 = 6	¼	½
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### Port Size (")

### Housing Material

TC = Clear	PB = Blue Opaque
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### Operating Temperature

4-40°C

### Max. Operating Pressure

TC = 10 bar  
PB = 8 bar

## Housings Part Number

Code	Media	No. of Cartridges	Size	Port Size (")	With Support
SFH	TC	1	1	¼	-
	PB				W
SFH	TC	1	2	¼, ½	W
	PB			¼, ½	W

e.g. SFH-TC-1-1-1/4