

2" Heavy-Duty Plastic Screen Filter

Features

- Special swivel-locking ring enables easy opening of the filter's lid without the use of tools.
- Wide range of filtration degrees up to 200 mesh
- Large filter area and low friction loss allow long intervals between cleaning
- Designed to reduce operating costs and deliver high-quality filtrate in a minimum space
- Access point on the inlet and outlet side for pressure measurement test
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions

Specifications

- Flow rates: up to 110 GPM (25 m³/h)
- Screen filtration area: 147 inch² (948 cm²)
- Operating pressure: up to 150 PSI (10.3 BAR)
- Temperature range: up to 140°F (60°C)
- Inlet and outlet size: 2" MNPT (5.1 cm)
- Filter Materials:
 - Housing and cover: PP and GF
 - Locking ring: PA and GF
 - O-ring: EPDM
 - Screen spine: PP and stainless steel
 - Pressure testing port: polypropylene
 - Pressure testing seals: natural rubber BR How



How to specify

Model	Description
PN2MPT-200	200-mesh stainless-steel screen
PN2MPT-155	155-mesh stainless-steel screen
PN2TMPT-200	200-mesh stainless-steel screen
PN2TMPT-155	155-mesh stainless-steel screen
17-SSM-200	200-mesh stainless-steel screen
17-SSM-155	155-mesh stainless-steel screen

3/4" – 2" Polyester & Stainless-Steel Filter Screen Elements

Features

- Screens can retain large amounts of sediment that accumulate on the inside surface
- Screens can be easily removed for maintenance
- Color-coded screens for easy identification and replacement

Chemical Resistance

- Excellent resistance to most mineral acids
- Limited resistance to alkali depending on concentration and temperature
- Excellent resistance to low concentration of lye

Screen Materials

- Cylinder: polyester
- Screen: polyester or stainless steel
- O-ring: EPDM



Filtration degree & material

Filter screen elements			
Mesh	Micron	Material	Color
80	180	Stainless steel	Blue
120	130	Stainless steel	Brown
155	100	Stainless steel	Green
200	80	Stainless steel	Burgundy
40	400	Polyester	Navy blue
80	180	Polyester	Blue
120	130	Polyester	Brown
155	100	Polyester	Green
200	80	Polyester	Burgundy

How to specify

Model	Description	Color
3/4" & 1" filter screen elements		
17-401	40-mesh polyester screen	Navy blue
17-402	80-mesh polyester screen	Blue
17-403	120-mesh polyester screen	Brown
17-404	155-mesh polyester screen	Green
17-405	200-mesh polyester screen	Burgundy
17-412	80-mesh stainless-steel screen	Blue
17-413	120-mesh stainless-steel screen	Brown
17-414	155-mesh stainless-steel screen	Green
17-415	200-mesh stainless-steel screen	Burgundy

How to specify

Model	Description	Color
1 1/2" & 2" filter screen elements		
17-080L	80-mesh SS • 1 1/2" long	Blue
17-120L	120-mesh SS • 1 1/2" long	Brown
17-155L	155-mesh SS • 1 1/2" long	Green
17-200L	200-mesh SS • 1 1/2" long	Burgundy
17-085	80-mesh SS • 2" long	Blue
17-125	120-mesh SS • 2" long	Brown
17-160	155-mesh SS • 2" long	Green
17-205	200-mesh SS • 2" long	Burgundy