

# ScreenGuard™

Netafim™ manual, polymer screen filters offer high quality small filters with large filtration area and high efficiency for ease of installation and less maintenance.



Versatility



High  
durability



Wide filtration  
area

## / Benefits & Features

- **Versatility** Supplied in various sizes and configurations. Adapts to a wide range of applications for maximum flexibility.
- **High durability** Offers superior resistance to chemicals and acids, minimizing maintenance and repair costs. Components are crafted from materials designed to withstand high acid concentrations found in mines.
- **Wide filtration area** Provides extensive filtration area, ensuring superior operation even in harsh conditions. Prevents sediment intrusion and enhances system performance.

## / Specifications

- A "Y" shape model, with multiple filtration area options covering a wide range of flow rates.
- Two options in BSP and NPT threads.
- Different micron rating screens.
- Maximum operating pressure: 8 bar (116 psi).

## → Logistic data

Model	Box					Pallet (including the pallet)				
	Qty. in box (units)	Length (mm)	Height (mm)	Width (mm)	Gross weight per box (kg)	Qty. of boxes in pallet (units)	Length (mm)	Height (mm)	Width (mm)	Gross weight per pallet (kg)
¾"	25	740	240	345	7.2	42	1500	1900	1150	326
1"					7.6					342
1" Long	15				11.3					498
1.5"					11.9					522
1.5" Long	5				6.9					312
2"					7.0					318

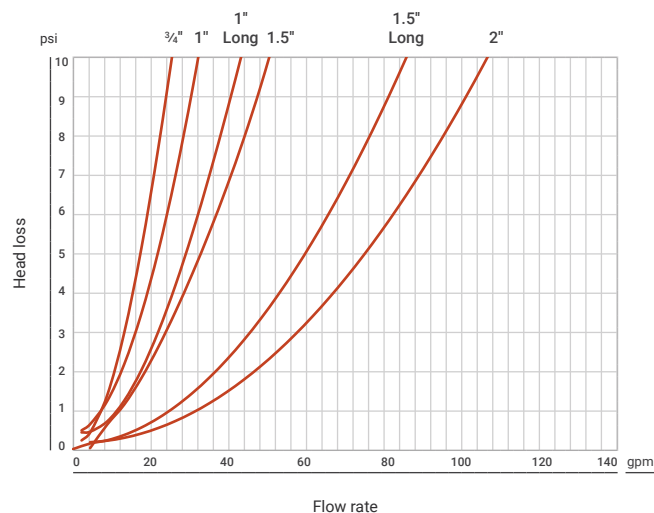
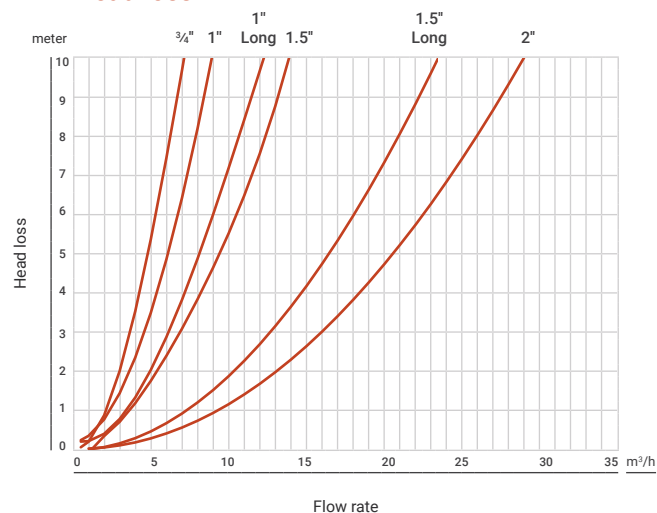
## → Technical information

Description	Filtration area (cm²)	Available connection types	Maximum recommended flow rate (m³/h)	Max. working pressure (bar)
¾"	165	BSP / NPT	3.5	8
1"			4.5	
1" Long	300		6.0	
1.5"			7.0	
1.5" Long	515		12.5	
2"			16.0	

## → Components raw materials

Part	Material
Body	PP
Cover	PP
Screen	ST 316
Seal	NBR

## → Head loss

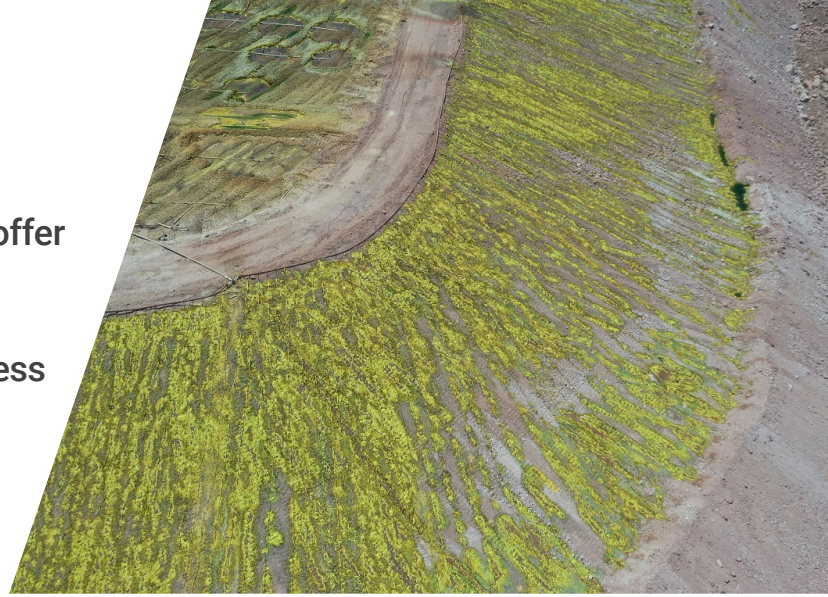


## → Catalog numbers

The type of filter and his catalog number will be determined according to the specific conditions in each application. For a correct configuration of a required filter please contact us at [Mining@netafim.orbia.com](mailto:Mining@netafim.orbia.com) or contact your Netafim™ local representative.

# ScreenGuard™

Netafim™ manual, polymer screen filters offer the largest filtration area in the industry. The result - better filtration efficiency, excellent irrigation uniformity and much less maintenance.



Versatility



High  
durability



Wide filtration  
area

## / Benefits & Features

- **Versatility** Supplied in various sizes and configurations. Adapts to a wide range of applications for maximum flexibility.
- **High durability** Offers superior resistance to chemicals and acids, minimizing maintenance and repair costs. Components are crafted from materials designed to withstand high acid concentrations found in mines.
- **Wide filtration area** Provides extensive filtration area, ensuring superior operation even in harsh conditions. Prevents sediment intrusion and enhances system performance.

## / Specifications

- Multiple filtration area options.
- Variety of models covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
- Different micron rating screens.
- Maximum operating pressure: 10 bar (145 psi).

## → Logistic data

Model		Connection type	Box					Pallet (including the pallet)				
			Qty. in box	Length (mm)	Height (mm)	Width (mm)	Gross weight p/box (kg)	Qty. of boxes in pallet	Length (mm)	Height (mm)	Width (mm)	Gross weight p/pallet (kg)
Tee Filter	2" Mini	BSP / NPT	1	530	280	370	7.0	42	1110	2100	1150	310.5
	2" Regular	BSP / NPT	1	650	280	370	7.8	42	1300	2100	1150	344.6
	2" Jumbo	BSP / NPT	1	790	280	370	8.8	42	1650	2100	1150	391.6
	3" Regular	BSP / NPT / UNF / VIC	1	650	280	370	7.8 (NPT,BSP) 9.4 (UNF)	42	1300	2100	1150	344.6 (NPT,BSP) 411.8 (UNF)
	3" Jumbo	BSP / NPT / UNF / VIC	1	790	280	370	8.8 (NPT,BSP) 10.2 (UNF)	42	1650	2100	1150	391.6 (NPT,BSP) 450.4 (UNF)
Twin Filter	3" Reg. Double	BSP / NPT / UNF / VIC	1	990	280	380	12.4 (NPT, BSP) 14.0 (UNF)	21	1000	2100	1150	276.6 (NPT, BSP) 310.2 (UNF)
	3" Jumbo double	BSP / NPT / UNF / VIC	1	1230	280	380	14.4 (NPT, BSP) 16.0 (UNF)	21	1250	2100	1150	319.2 (NPT, BSP) 352.8 (UNF)
	4" Reg. double	VIC / UNF	1	990	280	380	14.2	21	1000	2100	1150	314.4
	4" Jumbo double	VIC / UNF	1	1230	280	380	16.4	21	1250	2100	1150	361.2
	6" Jumbo double	VIC / UNF	1	2200	550	550	26.0	1	2200	710	570	54.0

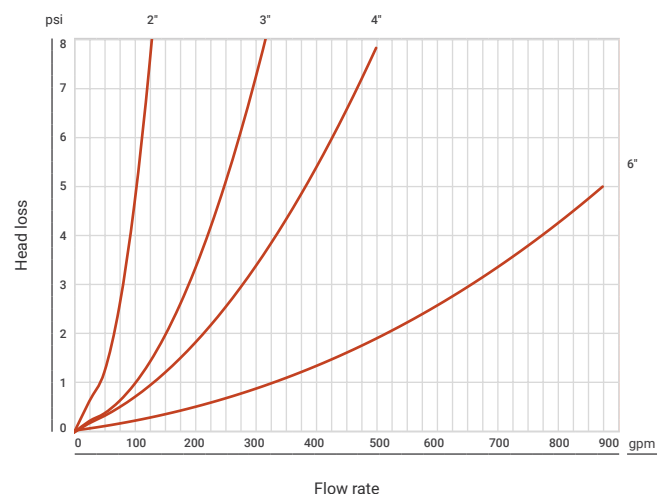
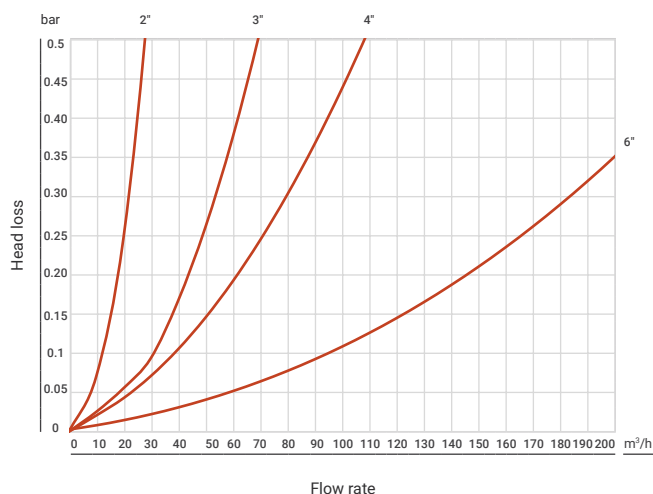
## → Technical information

Description	Filtration area (cm <sup>2</sup> )	Available connection types	Maximum recommended flow rate (m <sup>3</sup> /h)	Max. working pressure (bar)
Tee filter	2" Mini	BSP / NPT	15	10
	2" Regular	BSP / NPT	20	10
	2" Jumbo	BSP / NPT	25	10
	3" Regular	BSP / NPT / UNF	25	10
	3" Jumbo	BSP / NPT / UNF	30	10
Twin filter	3" Double	BSP / NPT / UNF	45	10
	3" Jumbo double	BSP / NPT / UNF	50	10
	4" Double	UNF / VIC	60	10
	4" Jumbo double	UNF / VIC	75	10
	6" Jumbo double	UNF / VIC	120	10

## → Components raw materials

Part	Material
Body	GRP
Seal	Nbr
Screen	Sst
Drain valve	Pvc

## → Head loss



## → Catalog numbers

The type of filter and his catalog number will be determined according to the specific conditions in each application. For a correct configuration of a required filter please contact us at [Mining@netafim.orbia.com](mailto:Mining@netafim.orbia.com) or contact your Netafim™ local representative.