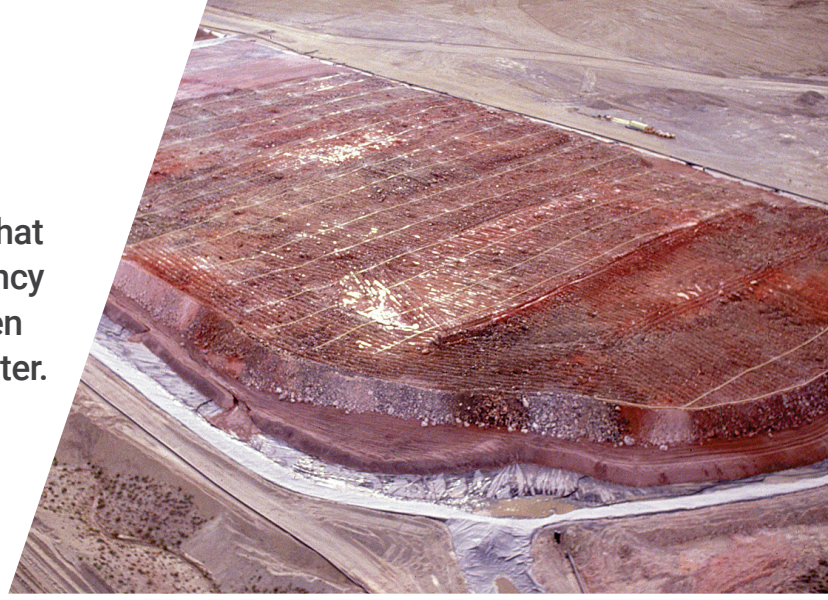


ScreenGuard™

Netafim™ semi-automatic polymer filters that provide the industry's best filtration efficiency and allow super-easy cleaning of the screen without opening the filter or shutting of water.



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

- Covers a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
- Multiple configurations and connection types and different micron rating screens enable to fit with any irrigation system.
- 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" Regular	BSP / NPT	1	790	280	370	9.2	42	1650	2100	1150	408.4
	2" Jumbo	BSP / NPT	1	910	280	370	10.2	28	1300	2100	1150	302.6
	3" Regular	BSP / NPT / UNF	1	790	280	370	9.4 (NPT,BSP) 10.6 (UNF)	42	1650	2100	1150	416.8 (NPT,BSP) 467.2 (UNF)
	3" Jumbo	BSP / NPT / UNF	1	910	280	370	10.4 (NPT,BSP) 11.8 (UNF)	28	1300	2100	1150	308.2 (NPT,BSP) 347.4 (UNF)
Twin filter	3" Double	BSP / NPT / UNF	1	1390	280	380	16.4 (NPT,BSP) 17.8 (UNF)	21	1450	2100	1150	364.4 (NPT,BSP) 393.8 (UNF)
	3" Jumbo double	BSP / NPT / UNF	1	1630	280	380	18.6 (NPT,BSP) 20.0 (UNF)	21	1650	2100	1150	412.6 (NPT,BSP) 442.0 (UNF)
	4" Double	VIC / UNF	1	1390	280	380	18.2	21	1450	2100	1150	402.2
	4" Jumbo double	VIC / UNF	1	1630	280	380	20.4	21	1650	2100	1150	450.4
	6" Jumbo double	VIC / UNF	1	2200	550	550	29.6	1	2200	710	570	57.6

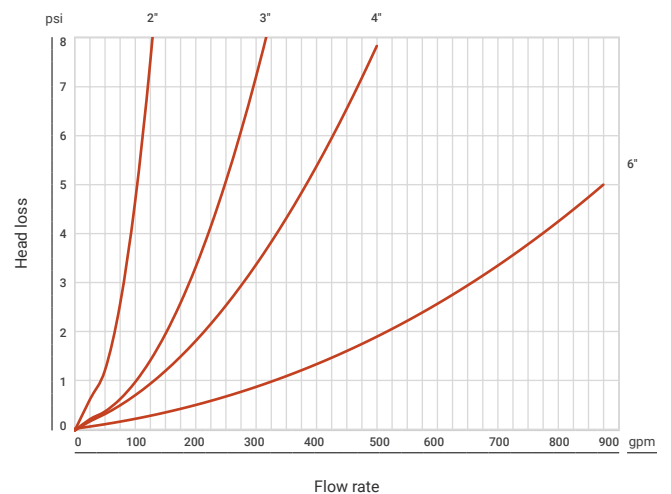
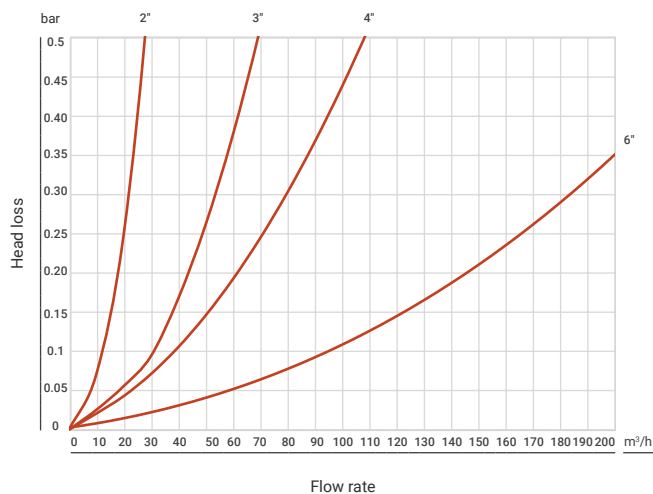
→ Technical information

Description		Filtration area (cm ²)	Available connection types	Maximum recommended flow rate (m ³ /h)	Min. pressure during the backflush (bar)	Max. working pressure (bar)
Tee filter	2" Regular	1210	BSP / NPT	20	2	10
	2" Jumbo	1610	BSP / NPT	25	2	10
	3" Regular	1210	BSP / NPT / UNF	25	2	10
	3" Jumbo	1610	BSP / NPT / UNF	30	2	10
Twin filter	3" Double	2420	BSP / NPT / UNF	45	2	10
	3" Jumbo double	3220	BSP / NPT / UNF	50	2	10
	4" Double	2420	UNF / VIC	60	2	10
	4" Jumbo double	3220	UNF / VIC	75	2	10
	6" Jumbo double	5500	UNF / VIC	120	2	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 or contact your Netafim™ local representative.

ScreenGuard™

Netafim™ semi-automatic on line screen filters, angle model, offer high corrosion and UV protection with large filtration area and cleaning mechanism which allows super-easy cleaning of the screen.



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.

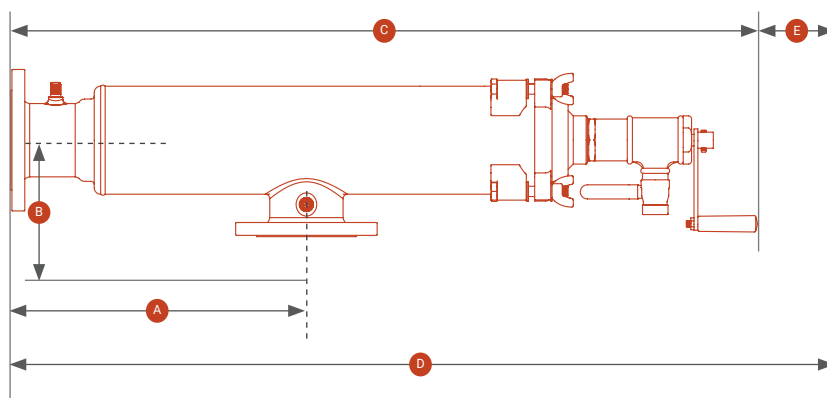
/ Specifications

- Filter screen cylinder molded with stainless-steel 316L screen.
- With multiple filtration area options covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
- Maximum operating pressure: 10 bar (145 psi).

→ Technical dimensions

Connection diameter	A (mm)	B (mm)	C (mm)	D (mm)*	E (mm)*
1 1/2"	210	150	667	917	250
2"	210	150	653	903	250
3"	340	150	920	1,410	490
4"	460	150	1161	1911	750
6"	450	250	1226	1916	690
8"	630	250	1690	2750	1060

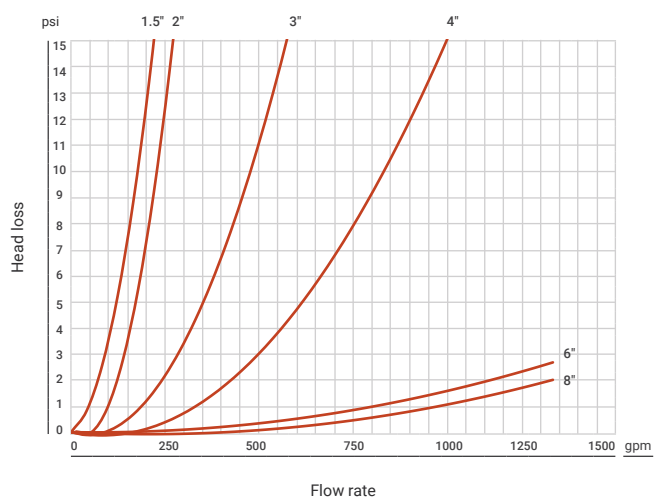
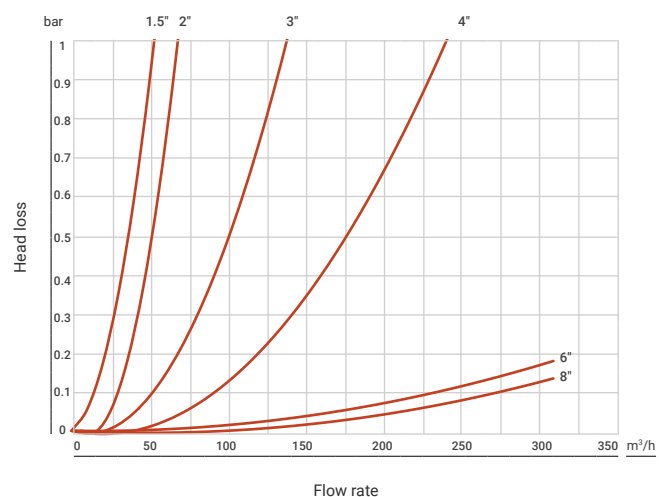
* Minimum distance to draw screen



→ Technical information

Model	Filtration area (cm²)	Available connection types	Maximum recommended flow rate (m³/h)	Max. working pressure (bar)
1 1/2"	850	BSP / NPT	15	10
2"	850	BSP / NPT / VIC	25	10
3"	1700	BSP / NPT / VIC / ANSI / ISO / BSTD	50	10
4"	2550	VIC / ANSI / ISO / BSTD	80	10
6"	4000	VIC / ANSI / ISO / BSTD	160	10
8"	6350	VIC / ANSI / ISO10 / VIC16 / BSTD	250	10

→ Head loss



→ Catalog numbers

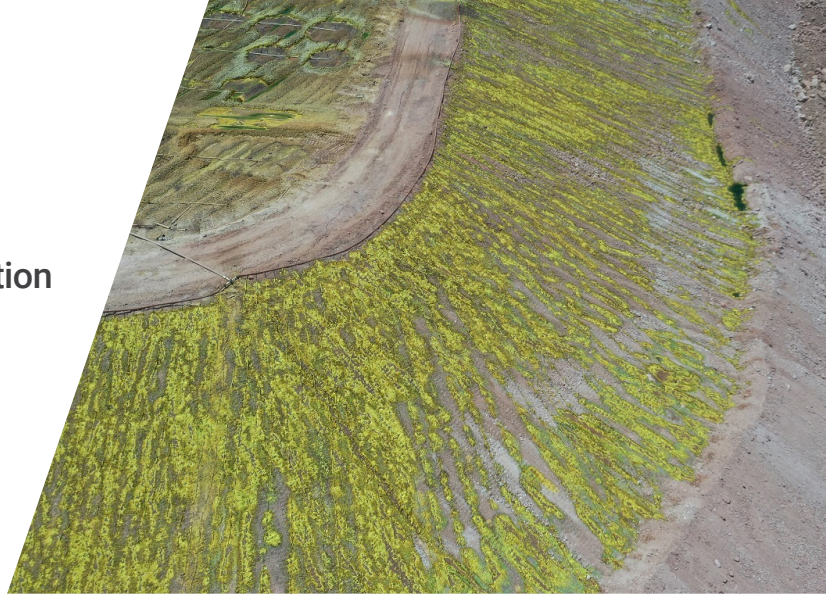
The type of filter and his catalog number will be determined according to the specific conditions in each application. For a correct configuration of a required filter please contact us at Mining@netafim.orbia.com or contact your Netafim™ local representative.

→ Logistic data

	Box					Pallet (including the pallet)				
Model	Qty. in box	Length (mm)	Width (mm)	Height (mm)	Gross weight p/box (kg)	Qty. of boxes in pallet	Length (mm)	Width (mm)	Height (mm)	Gross weight p/pallet (kg)
1½"	1	630	270	220	10	40	1260	1080	1100	400
		630	270	220	10	40	1260	1080	1100	400
2"		600	270	220	10	40	1260	1080	1100	400
		600	270	220	10	40	1260	1080	1100	400
		600	270	220	10	40	1260	1080	1100	400
3"		870	270	220	18	25	1140	1080	1100	450
		870	270	220	18	25	1140	1080	1100	450
		870	270	220	18	25	1140	1080	1100	450
		870	270	220	27	25	1140	1080	1100	675
		870	270	220	27	25	1140	1080	1100	675
		870	270	220	27	25	1140	1080	1100	675
4"		1115	290	220	23	20	1140	1080	1100	460
		1115	290	220	33	20	1140	1080	1100	660
		1115	290	220	33	20	1140	1080	1100	660
		1115	290	220	33	20	1140	1080	1100	660
6"		1170	470	375	64	1	1170	470	375	64
		1170	470	375	77	1	1170	470	375	77
		1170	470	375	77	1	1170	470	375	77
		1170	470	375	77	1	1170	470	375	77
8"		1520	470	375	84	1	1520	470	375	84
		1520	470	375	102	1	1520	470	375	102
		1520	470	375	102	1	1520	470	375	102
		1520	470	375	102	1	1520	470	375	102
	1520	470	375	102	1	1520	470	375	102	

ScreenGuard™

Netafim™ semi-automatic in line screen filters, offer high corrosion and UV protection with large filtration area and cleaning mechanism which allows super-easy cleaning of the screen.



Versatility



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Wide filtration
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/ 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.

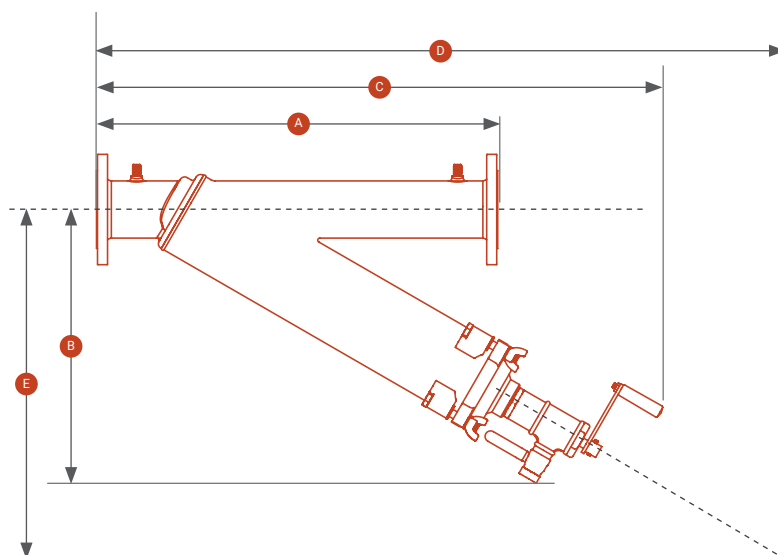
/ Specifications

- Filter screen cylinder molded with stainless-steel 316L screen.
- Multiple filtration area options covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
- Highly reliable and durable operation over time with maximum operating pressure: 10 bar / 145 psi.

→ Technical dimensions

Connection diameter	A (mm)	B (mm)	C (mm)	D (mm)*	E (mm)*
1 1/2"	420	373	625	802	550
2"	420	373	602	778	550
3"	600	434	891	1,324	685
4"	800	545	1,126	1,775	920
6"	900	611	1,041	1,445	942
8"	1,000	777	1,477	2,378	1,293

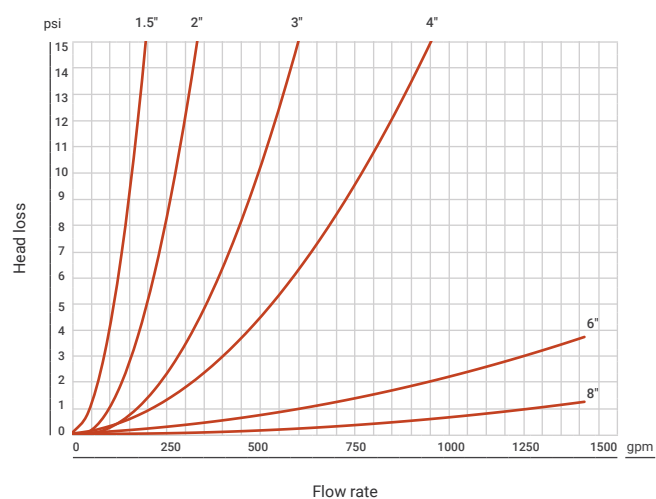
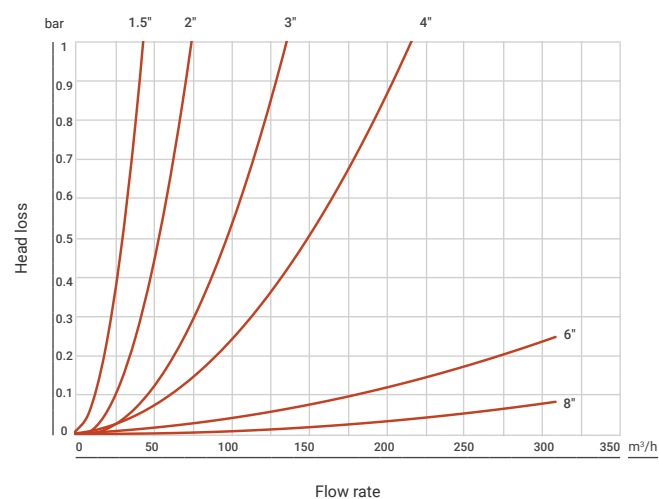
* Minimum distance to clean/remove the screen



→ Technical information

Model	Filtration area (cm ²)	Available connection types	Maximum recommended flow rate (m ³ /h)	Max. working pressure (bar)
1 1/2"	850	BSP / NPT	15	10
2"	850	BSP / NPT / VIC	25	10
3"	1,700	BSP / NPT / VIC / ANSI / ISO / BSTD	50	10
4"	2,550	VIC / ANSI / ISO / BSTD	80	10
6"	4,000	VIC / ANSI / ISO / BSTD	160	10
8"	6,350	VIC / ANSI / ISO10 / VIC16 / BSTD	250	10

→ Head loss



→ **Logistic data**

Catalog number 71980 + (any of bellow 6 digits)

					Box					Pallet				
Model	Conn. type	100 mic.	130 mic.	200 mic.	Qty. in box	Length (mm)	Width (mm)	Height (mm)	Gross weight per box (kg)	Qty. of boxes in pallet	Length (mm)	Width (mm)	Height (mm)	Gross weight per pallet (kg)
1½"	BSP	00830	000832	000834	1	500	500	220	10	30	1500	1020	1100	300
	NPT	00831	000833	000835		500	500	220	10	30	1500	1020	1100	300
2"	BSP	000841	000844	000847		500	500	220	10	30	1500	1020	1100	300
	NPT	000842	000845	000848		500	500	220	10	30	1500	1020	1100	300
	Grooved	000840	000843	000846		500	500	220	10	30	1500	1020	1100	300
3"	BSP	000860	000866	000872		780	600	220	20	20	1560	1200	1100	400
	NPT	000861	000867	000873		780	600	220	20	20	1560	1200	1100	400
	Grooved	000862	000868	000874		780	600	220	20	20	1560	1200	1100	400
	ISO	000863	000869	000875		780	600	220	29	20	1560	1200	1100	580
	BSTD	000865	000871	000877		780	600	220	29	20	1560	1200	1100	580
	ANSI	000864	000870	000876		780	600	220	29	20	1560	1200	1100	580
4"	Grooved	000890	000894	000902		1020	730	220	27	10	1500	1020	1100	270
	ISO	000891	000895	000903		1020	730	220	37	10	1500	1020	1100	370
	BSTD	000893	000901	000905		1020	730	220	37	10	1500	1020	1100	370
	ANSI	000892	000900	000904		1020	730	220	37	10	1500	1020	1100	370
6"	Grooved	000910	000914	000918		1090	790	375	70	1	1090	790	375	70
	ISO	000911	000915	000919		1090	790	375	84	1	1090	790	375	84
	BSTD	000913	000917	000921		1090	790	375	84	1	1090	790	375	84
	ANSI	000912	000916	000920		1090	790	375	84	1	1090	790	375	84
8"	Grooved	000930	000935	000940		1390	990	375	92	1	1390	990	375	92
	ISO10	000931	000936	000941		1390	990	375	108	1	1390	990	375	108
	ISO16	000932	000937	000942		1390	990	375	108	1	1390	990	375	108
	BSTD	000934	000939	000944		1390	990	375	108	1	1390	990	375	108
	ANSI	000933	000938	000943		1390	990	375	108	1	1390	990	375	108

For a correct configuration of a required filter please contact us at Mining@netafim.orbia.com or contact your Netafim™ local representative.