

ScreenGuard™

SEMI-AUTO POLYMER SCREEN FILTERS

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.



Corrosion & UV
resistance



Large
filtration area



Ease of
operation

/ Benefits & Features

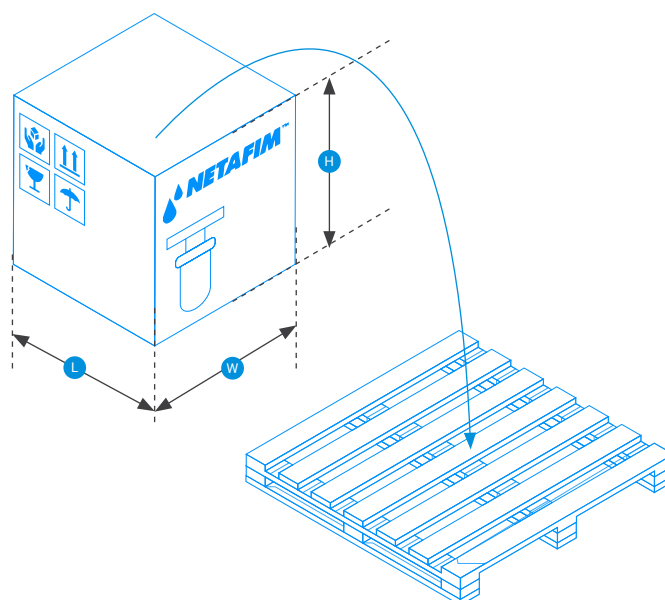
- **Large filtration area** Results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Low maintenance**
 - Simple to clean, the screen can be perfectly cleaned with a single turn of the handle without disassembling the filters and without disrupting the irrigation process
 - Ease of installation and maintenance
- **Sturdy and durable** Molded from high quality engineered plastic for mechanical strength, durability and no- corrosiveness
- **Semi-automatic** Can be installed on all Netafim manual Screenguard™ plastic filters
- **Extra protective** Filter screen cylinder molded with stainless-steel 316L is incorporated with a special weave, providing an extra protective layer to the irrigation system, and easy maintenance
- **Multiple filter area** Covers a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements
- **Versatile** Multiple configurations and connection types and different micron rating screens enable to fit with any irrigation system

/ Applications

- ✓ Primary filtration for small holders, for use with well water and/or single use dripperline applications
- ✓ Primary filtration for landscaping applications
- ✓ Secondary filtration for media filter systems and sand separators
- ✓ In-field secondary filters for enhanced protection

→ Logistic Data

Model		Connection Type	Box					Palett (Dimensions incude full pallet content + the pallet)				
			Qty. in Box	Length (mm) L	Height (mm) H	Width (mm) W	Gross Weight per Box (kg)	Qty. of Boxes in Pallet	Length (mm)	Height (mm)	width (mm)	Gross Weight per Pallet (kg)
Tee Filter	2" Regular	BSP / NPT	1	790	280	370	9.2	42	1,650	2,100	1,150	408.4
	2" Jumbo	BSP / NPT	1	910	280	370	10.2	28	1,300	2,100	1,150	302.6
	3" Regular	BSP / NPT / UNF	1	790	280	370	9.4 (NPT, BSP) 10.6 (UNF)	42	1,650	2,100	1,150	416.8 (NPT, BSP) 467.2 (UNF)
	3" Jumbo	BSP / NPT / UNF	1	910	280	370	10.4 (NPT, BSP) 11.8 (UNF)	28	1,300	2,100	1,150	308.2 (NPT, BSP) 347.4 (UNF)
Twin Filter	3" Double	BSP / NPT / UNF	1	1,390	280	380	16.4 (NPT, BSP) 17.8 (UNF)	21	1,450	2,100	1,150	364.4 (NPT, BSP) 393.8 (UNF)
	3" Jumbo double	BSP / NPT / UNF	1	1,630	280	380	18.6 (NPT, BSP) 20 (UNF)	21	1,650	2,100	1,150	412.6 (NPT, BSP) 442 (UNF)
	4" Double	VIC / UNF	1	1,390	280	380	18.2	21	1,450	2,100	1,150	402.2
	4" Jumbo double	VIC / UNF	1	1,630	280	380	20.4	21	1,650	2,100	1,150	450.4
	6" Jumbo double	VIC / UNF	1	2,200	550	550	29.6	1	2,200	710	570	57.6



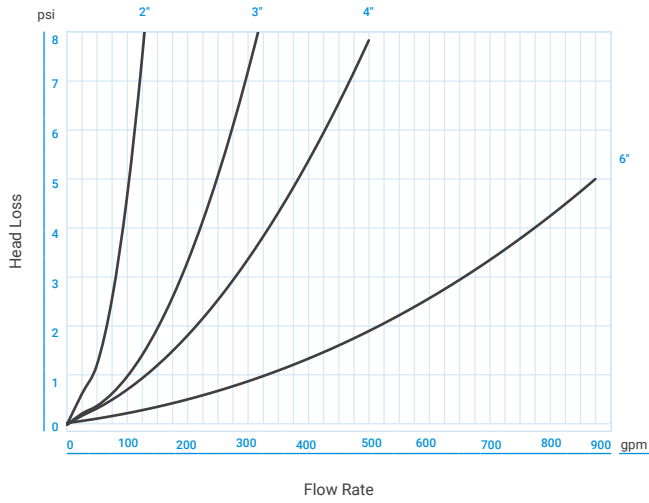
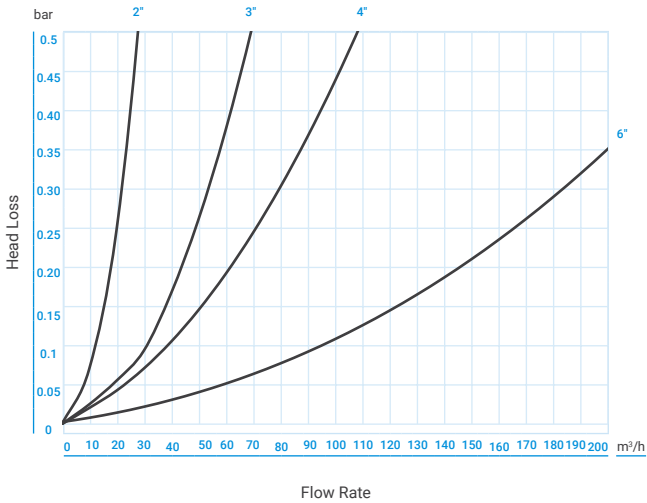
→ Technical Information

Description	Filtration Area (cm²)	Available Connection Types	Maximum Recommended Flow Rate (m³/h)	Min. Pressure During the Backflush (bar)	Pressure Rating (bar)
Tee Filter	2" Regular	BSP / NPT	20	2	10
	2" Jumbo	BSP / NPT	25	2	10
	3" Regular	BSP / NPT / UNF	25	2	10
	3" Jumbo	BSP / NPT / UNF	30	2	10
Twin Filter	3" Double	BSP / NPT / UNF	45	2	10
	3" Jumbo double	BSP / NPT / UNF	50	2	10
	4" Double	UNF / VIC	60	2	10
	4" Jumbo double	UNF / VIC	75	2	10
	6" Jumbo double	UNF / VIC	120	2	10

→ Material Specifications

Part	Material
Body	GRP
Seal	NBR
Screen	SST
Drain valve	PVC

→ Head Loss



→ Catalog Numbers

Catalog number starting with 71970 + (any of bellow 6 digits)

Model		100 mic.				130 mic.				200 mic.			
		BSP	NPT	UNF	VIC	BSP	NPT	UNF	VIC	BSP	NPT	UNF	VIC
Tee Filter	2" Regular	000500	000510	n/a	n/a	000501	000511	n/a	n/a	000502	000512	n/a	n/a
	2" Jumbo	000520	000530	n/a	n/a	000521	000531	n/a	n/a	000522	000532	n/a	n/a
	3" Regular	000540	000550	000560	n/a	000541	000551	000561	n/a	000542	000552	000562	n/a
	3" Jumbo	000570	000580	000590	n/a	000571	000581	000591	n/a	000572	000582	000592	n/a
Twin Filter	3" Double	000600	000610	000620	n/a	000601	000611	000621	n/a	000602	000612	000622	n/a
	3" Jumbo double	000630	000640	000650	n/a	000631	000641	000651	n/a	000632	000642	000652	n/a
	4" Double	n/a	n/a	000660	-	n/a	n/a	000661	-	n/a	n/a	000662	-
	4" Jumbo double	n/a	n/a	000670	-	n/a	n/a	000671	-	n/a	n/a	000672	-
	6" Jumbo double	n/a	n/a	000007	000010	n/a	n/a	000008	000011	n/a	n/a	000009	000012

For other filtration grades, please contact Netafim