

Plastic Super Leader disc filters



Advantages of disc filters:

The filter element composed of loose plastic discs is very easy to clean. When taking off the pack, adhering parts of dirt can be rinsed off under running water. The grooves are provided crosswise in the discs, thus enabling deep filtration. The filtrate can therefore be compared with the results of sand-bed filtration.

Advantages of UDI plastic disc filters:

UDI plastic disc filters have a robust design.

The compressed plastic discs constitute a solid and strong filter element which is also resistant to high differential pressures. The filters are entirely made of plastic and are resistant to fertiliser-enriched feed water.

The **UDI** plastic Super Leader disc filter series includes three models:

- 3"
- 4"
- 6"

The disc filters are available in 6 filter perforations, with a colour coding. The disc pack is simple to remove. The filter can easily be opened manually, by:

- Unscrewing the filter pot (3")
- Open the clamp bracket that holds the filter components together and unscrew the bayonet fitting (4" & 6").

Applications

- Where extra protection of the installation is required
- Pre-filtration of water intake
- Recirculation systems
- Post-filtration



Subject to modifications
No liability accepted for errors or misprints

UDI[®] Plastic Super Leader disc filters

Technical Data

Materials:

UDI plastic Super Leader 3":

- Filter body and cover: polypropylene
- Discs and core: polypropylene
- O-ring: NITRILE rubber

UDI plastic Super Leader 4" and 6":

- Filter body and cover: polypropylene
- Discs: polypropylene
- Core: reinforced polypropylene
- Clamps: stainless steel
- O-ring: NITRILE rubber

Type	Unit	7U130F	7U240F	7U260F
Connection (Flange)	inch	3"	4"	6"
Nom. diameter	mm	90	110	160
Max. pressure	bar	10	10	10
Max. capacity 1)	m ³ /h	16 - 50	38 - 100	42 - 140
Filter area	cm ²	1900	3704	3704
Filter volume	cm ³	2450	3548	3548
Length of filterelement	mm	2 x 261	2 x 345	2 x 345
External diameter discs	mm	115	170	170
Overall length A	mm	320	445	415
Length L	mm	742	1190	1190
Weigth	kg	10	24	26
pH resistance 2)	pH	2 - 13	2 - 13	2 - 13

1) Depending on the micron spec.

400 - 300 - 200 - 130 - 100 and 55 microns available, 20 and 10 microns (3") on request

2) Working pressure and resistance decrease at temperatures over 20°C

