

PVC filter pipe



Filter pipes are made from PVC with various slots and diameter. The pipes are used as coarse filters in suction pipelines of irrigation systems. The filter pipes are installed, for example, in ditches, reservoirs and water tanks to prevent damage to the pump due to coarse particles in the water.

APPLICATION

Filter pipes are predominantly used in suction pipelines

CHARACTERISTICS

- ✔ Pipe with plain end (without socket)
- ✔ Supplied as standard in lengths of 5 meter
- ✔ KIWA-certified

INSTALLATION & MAINTENANCE

- ✔ Avoid laying the filter pipe on the bottom of the reservoir, tank or ditch. Install the filter pipe +/- 30 cm above the bottom.
- ✔ Ensure that the filter pipe lies sufficiently under water so that no air is drawn in.
- ✔ For applications in lock or reservoir, the filter pipe can be installed on a float +/- 30 cm under the water surface.

TECHNICAL DATA

Diameter	: 32 - 315 mm
Slot width	: standard 0.75, 1, 2 and 3 mm
Length	: 5 meter
Connection (end)	: spigot
Colour	: blue
Certification	: KIWA

Open surface area

Slot width (mm)	Open surface area
0,30	4 %
0,40	5 %
0,50	6 %
0,75	9 %
1,00	11 %
1,25	13 %
1,50	16 %
2,00	20 %
3,00	25 %

The open surface area of the filter pipe is dependent on the slot width

Max. capacity (m³/h)

Diameter (mm)	slot width (mm)			PN (bar)	
	0,75	1	2		3
50	5,9	7,2	13	16	12,5
63	7,5	9,2	17	21	10
75	9,0	11	20	25	10
90	11	13	24	30	10
110	13	16	29	37	7,5
125	15	18	33	42	7,5
160			43	53	7,5
200			53	67	6,3
250			67	83	6,3
315			84	105	6,3