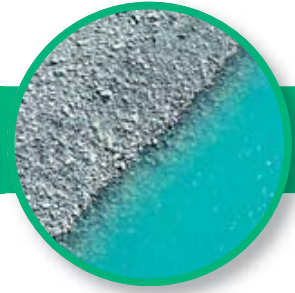


Filtration



Filtertanks with nozzleplate

Execution :

- Vertical Carbonsteel filtertanks
- Material according EN 10025 or EN 10028
- Stationnary or mobile execution
- Pressure calculation according AD2000 – PED art.3 § 3
- Big manholes above as beneath the nozzleplate : accessible for mounting, filling and maintenance
- Diameter, cilindric height and inlet/outlet dimensions can be chosen to meet your application and filtration characteristics
- Diameters up to 3.200 mm



Nozzleplate :

- The design and the thickness calculation of the plate takes into account possible differential pressures during filtration and backwash. Standard delta P = max 1 bar. If necessary, the plate is strenghtened with tie-rods or cross reinforcements.
- Provide with standard 50 holes per square meter. The edges of the holes are broken to assure a perfect coating or lining.
- Under the plate, the compartment is accessible in order to guarantee a sound welding, finishing and corrosionprotection.
- Mounting of filternozzles. The type depends upon the application, granulate of the sand or resine, ...



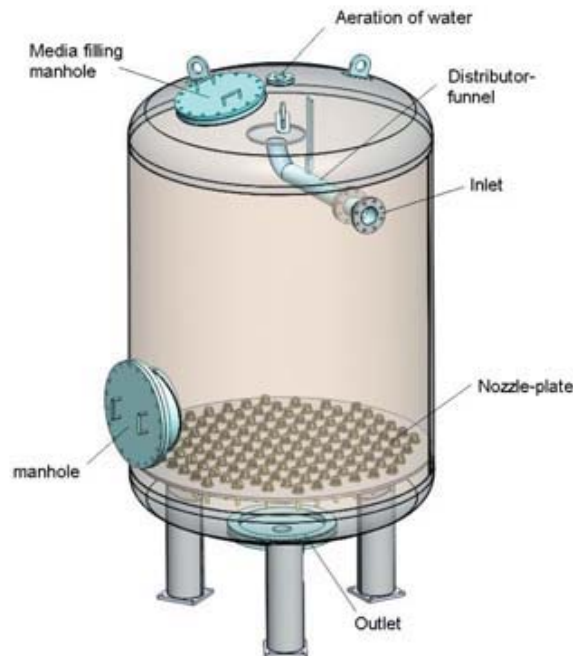
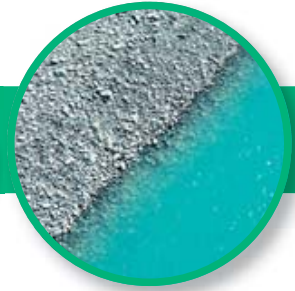
Lining :

- Inside and outside blast cleaned according SA 2½ ISO 8501-1:1988
- Coating A : 400 µm solventfree epoxy or phenolic-epoxy coating
- Coating B : 1000 µm vinylestercoating reinforced with glassflakes
- Rubberlining : 3 mm or 4 mm vulcanized natural or synthetic elastomeric linings (ebonite)
- Outside epoxy primer and polyurethane finishingcoating in ral-colour
- 100 % porosity-testing with pinhole-detector
- If required, suitable for foodstuffs and drinking water with certificate.



Filtration

Filter tanks with nozzle plate



Dia \varnothing A mm	Cylinder B mm	Total Height mm	Volume liter	Design PS bar	Weight	Inlet/Outlet	Deaeration	Nozzle Plate	Manhole Top	Manhole Side	Manhole Bottom
1000	2000	3100	1800	6	+ - 655 kg	DN65	5/4"	41 holes	DN200	DN500	DN400
1100	2000	3100	2200	6	+ - 720 kg	DN65	DN50	46 holes	DN200	DN500	DN400
1250	2000	3400	3000	6	+ - 890 kg	DN80	DN50	62 holes	DN200	DN500	DN400
1400	2000	3400	3685	6	+ - 1080 kg	DN80	DN50	80 holes	DN200	DN500	DN400
1500	2000	3400	4275	6	+ - 1200 kg	DN80	DN50	93 holes	DN200	DN500	DN400
1600	2000	3400	4920	6	+ - 1500 kg	DN100	DN50	110 holes	DN200	DN500	DN400
1800	2000	3400	6395	6	+ - 1900 kg	DN100	DN50	139 holes	DN200	DN500	DN500
1900	2000	3450	7150	6	+ - 2100 kg	DN100	DN50	145 holes	DN200	DN500	DN500
2000	2000	3550	8100	6	+ - 2300 kg	DN125	DN50	150 holes	DN200	DN500	DN500

Diameters up to 3.200 mm and other dimensions or design parameters upon request. Please contact us.

