

Filter - Anthrazit N

for filtration water containing suspended solids and turbidity in the fields of drinking water, process water and waste water treatment, also for the purification process for swimming pools

Filter-Anthracit N in rapid gravity and pressure filters serves to filter water containing suspended solids and turbidity in the fields of drinking water, process water and waste water treatment. It is also used in the water purification process for swimming pools.

This hard, angular, shiny-black material has a chip-like appearance and is sieved into narrow ranges of grain sizes for use as a filter material. Filter- Anthracit N is mainly employed in multi-layer filtration (e.g. Filter-Anthracit N above filter sand) but its use as the sole filter material can also be of advantage.

ADVANTAGES

- an improvement in the filtration efficiency
- a decrease in the uncertainty of filter breakthroughs
- a saving of waste water
- an increase in the filtration velocity
- a lengthening of the filter run

Operational

- fine filtration e.g. after softening
- to filter water containing suspended solids and turbidity e.g. removal of microscopic kolloids
- e.g. protection for activated coal filtration plants, softeners and revers osmosis plants

PHYSICAL PROPERTIES

- Color: Black
- Bulk Density: ca. 730 kg/m³
- Density : ca. 1,45 kg/dm³
- Effective Size: 0.60-0.70 mm
- Uniformity Coefficient: 1.4 - 1,5

CONDITIONS FOR OPERATION

- Depth of the filter material: min. 500 mm. mono
min. 300 mm. multi
- Service flow rate: 3-15 m/h open quick filter
10-30m/h closed quick
up to 50 m/h for special applications
- Backwash flow rate: Air and Water separate
Air 60-90 m/h 1-3 Min.
Water 7-20 /h 3-5 Min.
Air and Water kombi
60-90 m/h 1-3 Min.



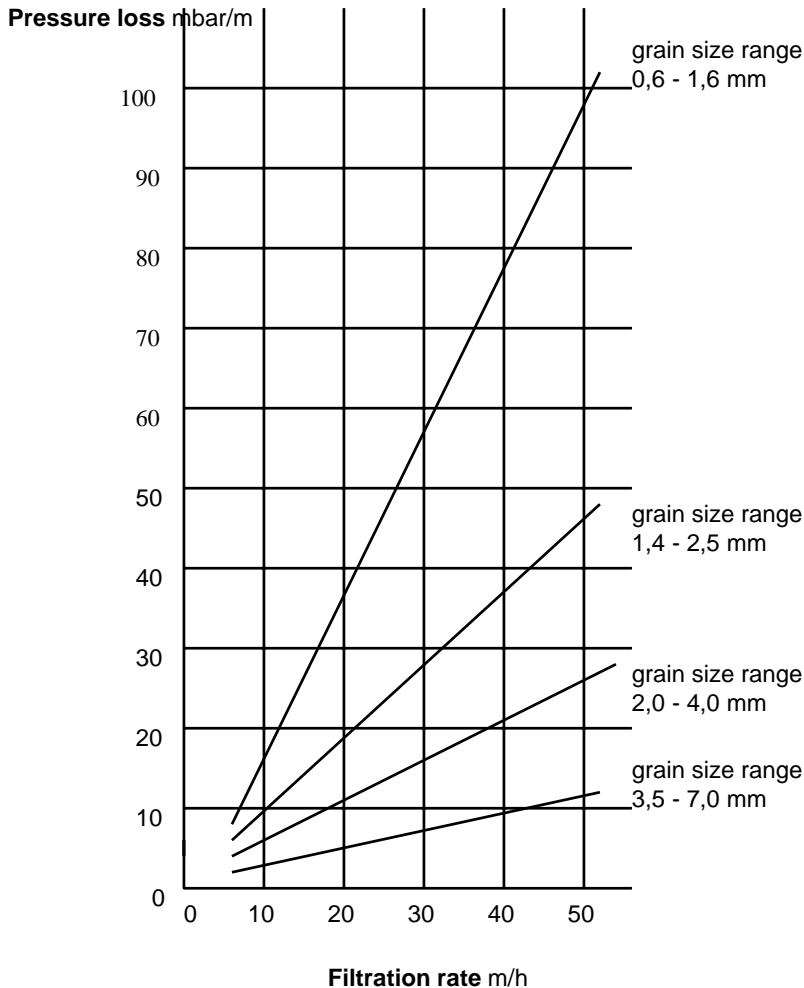
DELIVERY.

- Plastic bag with 25 Liters
- 1,2 t - big bags (ca. 1,65 m³)
- free in special transporter

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Pressure loss versus filtration rate at 20°C)
(clean Filter - Anthrazit N)



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