Filter Sand & Gravel

Quartz is a natural mineral mainly composed of silica which is then washed, sieved, dried and bagged. It is neutral, slightly angular and has a beige / light grey colour.

Good quality filter media is essential for monitoring and extraction wells in order to retain most of the formation material and to maximise hydraulic response.

A well screen slot size is selected to retain about 90% of the filter media itself. The filter media should be well sorted to assure good porosity and hydraulic conductivity near the screen. Good quality filter media should have a uniformity co-efficient of approximately two and made from predominantly silica.

Applications

- Extraction boreholes
- Groundwater monitoring
- Dewatering
- Piezometers (traditional method)
- Water filtration

Features

- DIN EN 12904 and DIN 4924
- Excellent porosity
- Wide range of sizes
- Washed, dried & bagged in 25kg bags
- 40 bags on exchangeable Euro pallet
- Bulk density 1.5 T/m^3
- Density 2.65 gr/cm^3

Quartz Filter Media Grading
0.5 – 1 mm
1 – 2 mm
2 - 4 mm
3 – 6 mm
4 – 10 mm

Chemical Analysis	
SiO_2	>96%
CaO	0.83%
K_2O	0.86%
AL_2O_3	Max 2%
Fe_2O_3	0.25%
MgO	0.27%
Na_2O	0.33%

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Specifications may change without prior notice