

Tel: +45 8682 5811
Product designation: Washed, kiln-dried, and sorted silica sand.
Bacteria free.

Producer: DANSAND A/S, Lervejdal 8B, 8740 Brædstrup

DANSAND® Filter sand

Superior and pure filter sand

Description

DANSAND® Filter sand helps to ensure the quality of our water. The product is an uncompromising and popular quality sand for well drilling and construction of water filters. When we produce filter sand, it happens in a carefully controlled production process. We wash the silica sand completely clean of clay and dust, sort it and dry it with natural gas, so it is completely free of bacteria. Finally, we sift the filter sand so that we achieve a uniform and carefully defined product. Together with Bentonite, the well is set so that it provides maximum water flow to the borehole. Filter sand from Dansand can be produced in special gradings by agreement. By default, we provide sorts according to the grading scale, which you can find on this page. In addition to the above grain sizes, we offer base layers in the following three sorts: 8-16 mm 16-32 mm 32-64 mm Base layer is made of round, sorted and washed lake stones. If desired, the stones can be disinfected.

BENEFITS OF DANSAND® FILTERSAND

- Uniform and clearly defined quality
- Washed and free from clay and dust
- Bacteria-free
- Gives maximum water flow
- Can be manufactured in special sorts by appointment.

Specifications

DECLARATION

Washed, oven dried, sterile and sifted filter sand, filter gravel and filter stone.

STORAGE

Dry, under cover and with no risk of contamination.

ENVIRONMENTAL INFORMATION AND DISPOSAL

Dust must be prevented. Packaging and used filter material should be disposed of in accordance with local requirements.

DELIVERY

- Bags of 25 and 15 kg (15 kg only for certain gradings)
- Big bags of 1000, 1250 and 1500 kg
- Delivered in bulk tanker as per agreement

To limit the formation of new dust, the filter sand can be passed through a hose using water from the tanker into filters at the waterworks. Instructions for filling water filters are included. Along with the sand, we supply a sifting analysis that documents the quality. Dansand® stores the analysis and a physical sample of the delivered sand for five years from delivery.

PHYSICAL PROPERTIES

No.	Sieves	Upper grain	Lower grain	D60/D10	kg/m ³
0	0.40-0.80 mm	max. 5%	max. 5%	1.5	1.586
1	0.40-0.90 mm	max. 5%	max. 5%	1.5	1.605
2	0.71-1.25 mm	max. 5%	max. 5%	1.5	1.622
3	0.90-1.60 mm	max. 10%	max. 10%	1.5	1.63
4	1.00-2.00 mm	max. 10%	max. 10%	1.5	1.575
5	1.40-2.50 mm	max. 10%	max. 10%	1.5	1.574
6	2.00-3.55 mm	max. 10%	max. 10%	1.5	1.582
7	3.15-5.60 mm	max. 10%	max. 10%	1.5	1.579
8	4.00-9.00 mm	max. 10%	max. 10%	1.5	1.578

D60/D10 = degree of disparity Upper grain / lower grain max. = maximum permitted % of grain above / below sieves Filter sand is produced in accordance with DS / EN 12904.

Data sheets

APPLICATION

For well drilling and construction of filters for filtration of water.

DOWNLOADS

- [Filtersand 00 data sheet](#)
- [Filtersand 0 data sheet](#)
- [Filtersand 1 data sheet](#)
- [Filtersand 2 data sheet](#)
- [Filtersand 3 data sheet](#)
- [Filtersand 4 data sheet](#)
- [Filtersand 5 data sheet](#)
- [Filtersand 6 data sheet](#)
- [Filtersand 7 data sheet](#)
- [Filtersand 8 data sheet](#)
- [Declaration of Conformity Filtersand](#)



DANSAND® Filter sand

Variants: Washed, oven dried, sifted and sterilized quartz sand