



Silica Sand is a high-grade silica sand for use with Connect thermal grouts which provide high thermal conductivity. Silica Sand is a washed and dried pre-packaged compound with a silica content greater than 97%. It is available in 25kg bags, 1000 or 1350kg 'BigBags'.

## Applications

- Thermal enhancement of geothermal grouts
- Thermal enhancement of Thermo-Loops®

## Features

- 97% Silica
- Average grain size 267 microns
- Washed, drained and pre-packaged

Chemical Analysis		
	Typical %	Limit%
SiO <sub>2</sub>	97.30	96 Min
Fe <sub>2</sub> O <sub>3</sub>	0.10	0.15 Max

Parameter	
Typical	Range Limit
Average Grain Size	231 microns

Physical Analysis						
Microns	Typical % retained (each sieve)	Limit	Typical % cumulative retained	Limit %	Typical % cumulative passing	Limit %
2360	0.0		0.0		100.0	
5000	0.0		0.0		100.0	
2360	0.0		0.0	0 - 0	100.0	100 - 100
1180	0.1		0.1	0 - 5	99.9	95 - 100
600	0.1		0.2	0 - 50	99.8	50 - 100
300	28.7		28.9	20 - 85	71.1	15 - 80
212	46.5		75.4		24.6	
150	20.0		95.4	85 - 100	4.6	0 - 15
75	4.4	99.8	97-100	0.2	0 - 3	
-75	0.2	100.0				