



## DICALITE 4200

Diatomaceous Earth is a powder like substance composed of skeletal remains of microscopic plants. These deposits are mined and treated to suit various filtration needs. DE filtration with Dicalite 4200 with in series 2 micron absolute glassfibre pleated cartridges will give the optimum performance for filtration of completion fluids with sg up to 22 ppg.



### TECHNICAL SPECIFICATIONS

Mineralogical	Diatomite – Essentially SiO <sub>2</sub>
Type	Flux Calcined
Physical Form	Dry powder
Color	White
Permeability (PFR v)(1)	2.7-3.6 Darcy
Density, (Wet)	max. 23.1 lbs/ft <sub>3</sub> (0,37 kg/ltr)

### INHERENT PROPERTIES

Moisture Content	max. 0.5 g%
Bulk Density (Dry)	14 – 16 lbs/ft <sub>3</sub> (0,22 – 0,26 kg/ltr)
pH	9.0 – 10.5
Specific Gravity	2.33
Minimum GE Brightness	85

### OTHER INFORMATION

Packaging	50 lbs Bags Standard 39 per pallet
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### RECOMMENDED FILTER EQUIPMENT

#### DE FILTER UNIT

Vertical Pressure Leaf 350, 420, 600, 840 or 1200 sq. ft.  
Filter Press 600, 800, 110, 1200 or 1500 sq. ft.

#### FOLLOWED BY

Duplex cartridge filter unit

#### APPLICATIONS

Completion fluids  
Workover fluids  
Gravel pack fluids  
Slop water clean up  
Waste water treatment

*We care, we filter*