

## Diatomaceous Earth Media

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### Description

Pre-coat filtration using DE and Perlite filter aids plays a critical role in oil and gas exploration & production. It is this shape factor combined with the rigidity of the particles that makes diatomite such an excellent raw material for the production of superior filter aids. Diatomaceous earth is an amorphous form of silica containing a small amount of microcrystalline material. These materials meet all requirements for good filter aids. This enables them to meet the exacting clarity and flow-rate demands of industrial filtration. Even more important, the user can depend on consistency and uniformity load after load.

Our DE or Perlite media provide economical and high-volume removal of total suspended solids (TSS) and trace hydrocarbons. Our DE or Perlite can be used in combination with our filtration equipment, such as our VPL or Filter Press units. To optimize your filtration set-up, you can use our cartridge/bag filter units as a final step, which will be a polishing step.

### Typical Applications

- Waste Water Treatment
- Work over Fluids
- Produced Water
- Gravel Pack
- Slop Water Treatment
- Completion Fluids

### Benefits

- Longer life cycles
- Faster Throughput
- Better Clarity
- Can be used on both VPL or Filter Press Units

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PRODUCTION AND PROCESS NEEDS.**

## Technical Specifications

### DE4200

Physical Form	Dry Powder
Type	Flux-Calcined
Permeability (PFRs)	165 – 190 (2.72 – 3.61 Darcys)
pH	8.0 – 11.0
Specific Gravity	2.33
Weight (per bag)	22.68 kgs
Packed (per pallet)	39 bags

### DE4500

Physical Form	Dry Powder
Type	Flux-Calcined
Permeability (PFRs)	190 – 210 (3.61 – 4.41 Darcys)
pH	8.0 – 11.0
Specific Gravity	2.33
Weight (per bag)	22.68 kgs
Packed (per pallet)	39 bags

### DE5000

Physical Form	Dry Powder
Type	Flux-Calcined
Permeability (PFRs)	210 – 230 (4.41 – 5.29 Darcys)
pH	8.0 – 11.0
Specific Gravity	2.33
Weight (per bag)	22.68 kgs
Packed (per pallet)	39 bags

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## FW60

Physical Form	Dry Powder
Type	Flux-Calcined
Permeability (PFRs)	5.0
pH	10.0
Specific Gravity	2.33
Weight (per bag)	20 kgs
Packed (per pallet)	42 bags



For more information on our products and services, please contact your local Centurion Fluid Filtration representative or email us at [CFFUK@centuriongroup.co.uk](mailto:CFFUK@centuriongroup.co.uk).

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