

# FLUORO-SORB® P & 100 ADSORBENTS

## ADSORPTION MEDIA FOR THE REMEDIATION AND REMOVAL OF PFAS

### DESCRIPTION

FLUORO-SORB® Adsorbent is a proprietary, surface-modified clay media that is proven to effectively treat perfluoroalkyl and polyfluoroalkyl substances (PFAS) in a variety of removal and remediation applications. FLUORO-SORB® P and FLUORO-SORB® 100 Adsorbents feature a grain size distribution that makes them ideal for deployment in groundwater treatment via subsurface injection, soil stabilization, and water pre-treatment processes such as dissolved air flotation (DAF) and clarifiers. FLUORO-SORB® Adsorbent exhibits fast PFAS adsorption kinetics with a unique composition that resists competitive adsorption from other water constituents and co-contaminants.



FLUORO-SORB® P  
ADSORBENT



FLUORO-SORB® 100  
ADSORBENT

### SUPERIOR TECHNOLOGY

- Fast kinetics optimizes PFAS reduction in water pre-treatment
- Can be mechanically mixed in situ and ex situ
- Can be slurried in water for subsurface injection
- Penetrates below grade soil to capture PFAS
- Immobilizes PFAS in groundwater through adsorption
- Mitigates leaching and contaminant migration
- In situ stabilization for source zone treatment
- Low dosing (0.5 – 3%) typically achieves effective remediation

### PACKAGING

~50 lb (~22.7 kg) bags, 40 per pallet, or ~2000 lb (~907.2 kg) supersacks. All pallets are plastic-wrapped.

For technical inquiries, project-specific questions, and to obtain a sample for your laboratory testing or pilot treatability study, please contact a CETCO sales representative or send an inquiry to [cetco@mineralstech.com](mailto:cetco@mineralstech.com).

## PFAS TREATMENT AND REMEDIATION

### APPLICATIONS

- AFFF-impacted source zone remediation
- Groundwater
- In situ and ex situ soil stabilization
- Subsurface injection
- Water pre-treatment (DAF/Clarifier)

TYPICAL PROPERTIES		
MATERIAL PROPERTY	FLUORO-SORB® P ADSORBENT	FLUORO-SORB® 100 ADSORBENT
Specific Gravity	1.72	1.74
Pour Bulk Density	30.1 lb/ft <sup>3</sup> (483 kg/m <sup>3</sup> )	50 lb/ft <sup>3</sup> (800 kg/m <sup>3</sup> )
Tapped Bulk Density	42.4 lb/ft <sup>3</sup> (680 kg/m <sup>3</sup> )	61 lb/ft <sup>3</sup> (977 kg/m <sup>3</sup> )
Permeability	N/A	2.2 x 10-3 cm/s
% Passing – Upper	97% through #60 mesh (0.25 mm)	92% through #20 mesh (0.85 mm)
% Passing – Lower	80% through #200 mesh (0.075 mm)	8% through #200 mesh (0.075 mm)
Median Particle Diameter (D50)	0.0123 mm	0.45 mm
Effective Size (D10)	0.0021 mm	0.08 mm

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