

FLUORO-SORB® ADSORBENT

100, 200, AND 400 VARIATIONS

DESCRIPTION

FLUORO-SORB adsorbent is a proprietary adsorption media that is proven to effectively treat a wide range of perfluoroalkyl and polyfluoroalkyl substances (PFAS). FLUORO-SORB 100 adsorbent is finely graded media that is best suited for in-situ stabilization and water pre-treatment (DAF/clarifier) processes. FLUORO-SORB 200 adsorbent and FLUORO-SORB 400 adsorbent feature a larger grain size distribution making them ideal for deployment in flow-through water filtration processes, permeable reactive barriers, and REACTIVE CORE MAT® composite geotextile mats.

FLUORO-SORB adsorbent is NSF/ANSI 61 certified for use in municipal water treatment facilities. Customized blends are also available for project-specific optimization. For technical inquiries and project-specific questions, please contact your local CETCO sales representative.



TESTING DATA

PHYSICAL PROPERTIES				
MATERIAL PROPERTY	TEST METHOD	FLUORO-SORB 100	FLUORO-SORB 200	FLUORO-SORB 400
Specific Gravity	ASTM C604	1.73	1.76	1.78
Pour Bulk Density	ACC Procedure TP-3031	49.9 lb/ft ³	46.2 lb/ft ³	49.9 lb/ft ³
Tapped Bulk Density	MTI Standard Work SWI-HELAB-019	60.9 lb/ft ³	52.1 lb/ft ³	56.0 lb/ft ³
Permeability	ASTM D2434	2.2 x 10 ⁻³ cm/s	2.1 x 10 ⁻³ cm/s	8.5 x 10 ⁻² cm/s
% Passing, No. 18 (1.0 mm) Sieve	ASTM C136	96.2%	91.2%	45.7%
% Passing, No. 40 (0.42 mm) Sieve	ASTM C136	43.9%	11.9%	3.1%
Applications		In-situ Soil Stabilization DAF/Clarifier Treatment	Water Treatment Permeable Reactive Barrier	Water Treatment Permeable Reactive Barrier

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