RemBind® Well Socks

Product Specification Sheet

RemBind® Well Socks are designed to be inserted into wells to remove Per- and Polyfluoroalkyl Substances (PFAS) from groundwater. RemBind® Well Socks consist of an outer nylon sock filled with RemBind® reagent, a PFAS sorbent independently shown to effectively bind PFAS. Once the RemBind® Well Socks have extracted PFAS from the groundwater, they are removed from the wells, removing PFAS mass from groundwater.

RemBind® Well Socks are classified as Non-Hazardous Goods. See the RemBind® Safety Data Sheet (SDS) for further safety information.

PARAMETER	SPECIFICATION
Well Socks	
Material	Nylon
Material pore size	70 µM
Product outer dimension - OD (2-inch well)	40 mm diameter x 1 m
Product outer dimension - OD (4-inch well)	80 mm diameter x 1 m
Quantities per box: 2" = 20 socks per box, 4" = 9 socks per box	
RemBind® Reagent	
Particle Size Distribution (PSD)	D_{50} 525 µm
Moisture content	<6%
PFOS sorption capacity per 1 m sock (40 mm diameter) [1,2]	1,400 mg
PFOS sorption capacity per 1 m sock (80 mm diameter) [1,2]	3,840 mg

1 - Sorption isotherms for RemBind® reagent were carried out by an independent third-party engineering firm using PFAS-contaminated wastewater from a commercial airport site. A sorption capacity of 2,560 µg of PFOS per g of RemBind® was calculated at equilibrium at a constant temperature of 25°C.
2 - Sorption capacity in the field may vary considerably based on the water quality and flow rate, the type and concentration of PFAS substances (flux), and the presence of co-contaminants such as hydrocarbons. It is strongly recommended that bench-scale trials are conducted using site water to determine site specific application longevity.
Nylon components are not compatible with permanganate-based oxidants.

This Product Specification Sheet should be read in conjunction with the Application Notes for the RemBind® Well Socks and the SDS for RemBind®. It supersedes any former publication and is subject to change without notice. The technical data contained herein is based on tests believed to be suitable and reliable for the intended purpose and is offered as a guide only, it being expressly understood that all such advice is being given and accepted at the Buyer's risk.

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