Stags - OC7030

TETRASOLV FILTRATION INC.

Applications

Waste Water Treatment
Hydrocarbon Removal
Remediation Treatment
Toxin Removal

Features / Benefits

High Activity
High Hardness
Low Dust
No Bridging

Packaging

25 Kg bags
500 Kg bulk bags

STAGS

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Stags - OC7030 filtration media is an organically modified clay material used for water treatment applications. A blend of bentonite and activated carbon treated with quaternary amine, **Stags - OC7030** removes mechanically emulsified oil and grease, large molecular weight chlorinated hydrocarbons along with some heavy metals. Typical adsorption capacity for hydrocarbons is 50% by weight of clay.

Stags - OC7030 can be used as a stand alone treatment system or used for pretreatment for activated carbon adsorbers, UF and Reverse Osmosis and other membrane systems. It is also used for post treatment of DAF units, Oil/Water Separators, clarifiers, and sand filters.

Properties

Bulk Density	61 lbs/ft3
Backwash and drained density	51 to 57 lbs/ft3
Mesh Size	8x30
Backwash Expansion	20%
Hydrocarbon Capacity by weight %	40% - 50%

Operational Parameters

Hydraulic Loading	2-5 gpm/ft2
Minimum Contact Time (EBCT)	15 minutes
Min Bed Depth	36”

CAUTION *PS-85 can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where clay is present. Use proper breathing apparatus to prevent prolong dust exposure.*

NOTICE *Stags reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and carbon selection. Stags or any of its affiliations assumes no obligation or liability for the usage of the information in this datasheet. No guarantees or warranties, expressed or implied, are provided and the user must accept full responsibility for performance of modified clay based on this data.*