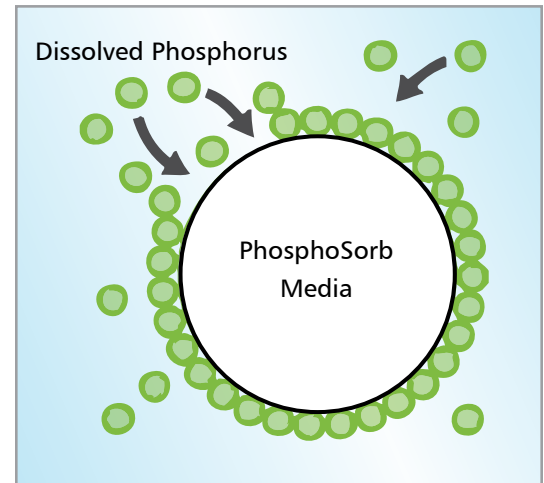


# Introducing PhosphoSorb<sup>®</sup> Media

Effectively target TSS and Total Phosphorus in one lightweight media

Manufactured in an environmentally-friendly manner, PhosphoSorb is a lightweight media built from a Perlite base. This innovative, engineered filtration media removes total phosphorus (TP) from stormwater runoff by absorbing dissolved-P and filtering particulate-P simultaneously. Field tests of the PhosphoSorb media showed a load reduction of 89% TSS and 82% total phosphorus with an average influent concentration of 380 mg/L and 0.33 mg/L respectively.



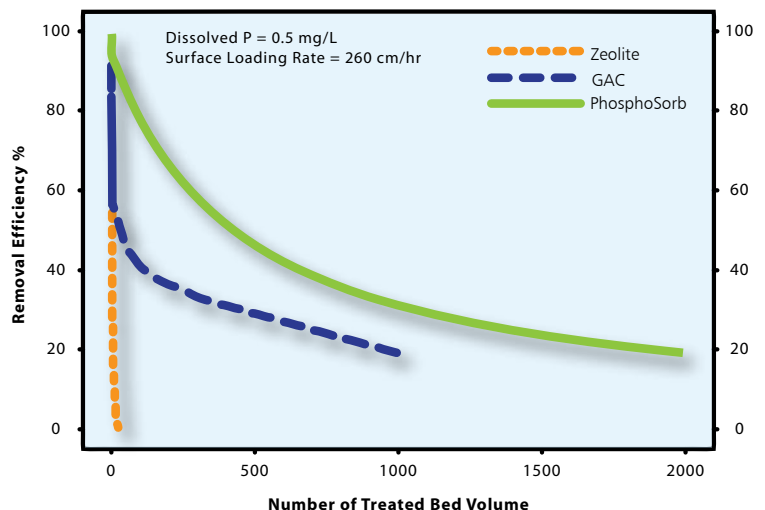
## Physical Characteristics of PhosphoSorb:

Nominal Size (mm)	Bulk Density Lbs/ft <sup>3</sup>	Effective Bed Porosity (%)	Specific Surface Area (m <sup>2</sup> /g)
1.4-6.3	20-25	65%-80%	20-30



## Key Benefits:

- Removes both TSS and TP from stormwater runoff
- Removal of both soluble and total Phosphorus can exceed 50%
- Low impact product life cycle – no production by-products
- Lightweight media – easy to handle, ship and deploy
- Flexible deployment – for use in the Stormwater Management StormFilter<sup>®</sup> and as a biofiltration soil amendment



In laboratory testing, PhosphoSorb removed 50% of the first 1,000 treated empty bed volumes (EBVs) of 0.5 mg/L influent dissolved P solution, and lasted for at least 2,000 treated EBVs.