



REM Media Configuration Options

REM Filters can be customized using different media strategies configured to target site-specific pollutants. A combination of media is often recommended to maximize pollutant removal effectiveness.



Geotextile Media Pack Housing

Filter media is housed in a mono-filament weaved geotextile containment pack. The filter's vertical cartridge system requires flow to move laterally through the geotextile pack on both sides – once during ingress and again during egress – providing a two stage sieve for fine material removal. The mono-filament geotextile reduces occlusion and blinding allowing for greater treatment flow compared to flat weave fabrics. The design meets "100% Full Trash Capture - 2.4mm" specification.



REM FOG Media (Expanded Hydrophobic Perlite)

REM FOG media is an expanded volcanic ash media treated to be highly hydrophobic. REM FOG media effectively encapsulates liquefied petroleum hydrocarbons (Fats, Oils & Grease including animal fats). The media's hydrophobic characteristic, porous, multi-cellular structure and rough edges allows for greater polishing of flow resulting in the reduction of Total Suspended Solids (TSS). Suspended solid reduction includes but is not limited to debris, trash, silt, sediment, and agglomerated heavy metals. REM FOG Media is an excellent multi-purpose filter media.



REM AC Media (Activated Carbon)

REM AC is a coconut shell granular activated carbon. AC media has a micro-porous structure and large surface area providing high levels of adsorption used for the removal of organics, some metals and other pollutants, such as Chlorine, Chloramine, TCE, PCE, TTHMs, Phenols, Pesticides, Detergents.



REM ZEO Media (Zeolite)

REM ZEO is a group of naturally occurring micro-porous minerals consisting of aluminosilicates of sodium, potassium, calcium and barium. ZEO can be readily dehydrated and rehydrated and used as cation exchangers and molecular sieves to remove soluble metals such as copper, lead, zinc, ammonium and some organics. ZEO medium has a variety of water filtration applications.



REM FOG-AC-ZEO Media Blend

REM FOG-AC-ZEO blend combines the filtration characteristics of all three common media strategies – Hydrophobic Perlite, Granular Activated Carbon and Zeolite.



Organic Leaf Media

A granular organic media created from deciduous leaves, Leaf Media is effective for removing soluble metals, TSS, Oil and neutralizing acid rain.



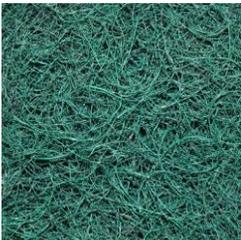
Walnut Shell Media

Fractured Walnut Shell media offers a rough, dense and extensive surface area that effectively polishes flow removing suspended solids (TSS) and other pollutants. Although biodegradable, walnut shell resists decomposition allowing for greater longevity compared to similar all-natural organic media types. Due to its density and weight, walnut shell media does not float in standing water – beneficial in certain applications. Fractured walnut shell is an excellent all purpose filter medium exclusively utilized in REM Weighted Walnut Wattles for industrial stormwater and erosion control applications.



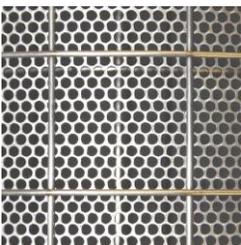
Walnut Shell Mixed Blend Media

Walnut shell combined with other REM blended media strategies provide the added benefit of increased weight and density. Walnut shell, REM FOG, AC, and ZEO media in a Weight Wattle is effective strategy for specific industrial stormwater and erosion control applications.



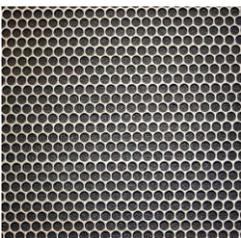
Bioflex (BFTG)

Bioflex is a three dimensional woven natural fiber media designed to capture debris, trash and sediment. Mesh density of 3.5 ounces per square foot minimizes occlusion and blinding and allows for sustained high volume stormwater treatment rates. The exterior edge of the Bioflex is fitted with a netted polyester fiber configured to capture 100% of trash and debris at 5mm or greater in size. Bioflex is an approved “Full Trash Capture” specification.



Perforated Stainless Steel Screen (SS-PERF-5)

The filter cartridge houses a perforated Type 304 stainless steel screen. Configured to capture 100% of trash and debris no greater than 5mm, the design meets “Full Trash Capture - 5mm” specification.



Perforated Stainless Steel Screen (SS-PERF-2.4)

The filter cartridge houses a perforated Type 304 stainless steel screen. Configured to capture 100% of trash and debris no greater than 2.4mm, the design meets “Full Trash Capture - 2.4mm” specification.