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### 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.



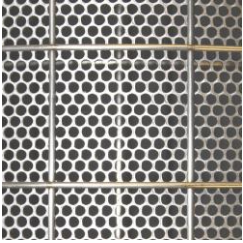
#### **REM FOG-AC-ZEO Media Blend**

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



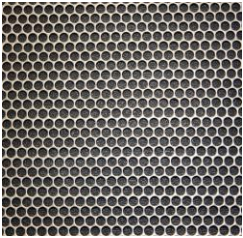
**Bioflex (BFTG)**

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.