



ULTRATECH
INTERNATIONAL, INC.

Ultra-Drain Guard[®], Heavy Metal Model

SPECIFICATIONS

Material Specifications

| Properties | ASTM Test | Value |
|---|-----------|--------------------------|
| Skirt Material: Non-permeable, flexible PVC | ---- | ---- |
| Collection Area Material: Non-Woven, Polypropylene Geotextile | ---- | ---- |
| Grab Tensile | D 4632 | 220 lbs. |
| Elongation | D 4632 | 50% |
| Trapezoid Tear | D 4533 | 95 lbs. |
| Puncture | D 4833 | 135 lbs. |
| Mullen Burst | D 3786 | 420 psi |
| Permittivity | D 4491 | 1.5 sec ⁻¹ |
| A.O.S. (U.S. sieve no.)/ Microns | D 4751 | 80/ 180 |
| UV Stability (strength retained%) 500 hrs | D 4355 | 70% |
| Fabric Weight (oz./yd ²) (typical) | D 5261 | 8 oz/yd ² |
| Flow (through material) | D 5261 | 90 gpm / ft ² |
| Flow (bypass ports gpm) | ---- | 770 gpm |
| Flow (bypass ports cfs) | ---- | 1.7cfs |

Unit Specifications

| Model | Oil Capture | Sediment Capture | Metal Capture ¹ | Collection Area | Flow Rate | Dimensions |
|-------------|-------------|------------------|----------------------------|----------------------|-----------|-----------------|
| Heavy Metal | 0.23 gal | 30 lbs. | 190 grams | 10" dia. x 18" depth | 275 gpm | 48" x 36" x 18" |

¹ Please see table below for a list of filterable metals.

Filterable Metals

| | | | | | | |
|----------|-----------|----------|-----------|---------|----------|---------|
| Rubidium | Sodium | Zinc | Magnesium | Lithium | Calcium | Barium |
| Iron | Potassium | Silver | Strontium | Cobalt | Cesium | Cadmium |
| Copper | Aluminum | Ammonium | Lead | Mercury | Chromium | |

Updated: 09.14.18