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**WATERITE TECHNOLOGIES, INC.
PRODUCT SPECIFICATION SHEET
FIL-SPP-010**

**HYPURION SPUN POLYPROPYLENE SEDIMENT
GRADIENT DENSITY FILTER CARTRIDGE (DOE)**

- TYPE:** 2 ½" cartridges for 10", 20", 30" and 40" standard housings. Gradient density matrix* (Waterite SureSpun technology) design to promote effective depth filtering and particle capture through full cross section of cartridge body. 'A' type end configuration denotes double open end (DOE)
- FEED:** Municipally treated, surface or well water
- TEMP. RANGE:** 5.0°C to 65.0°C
- CAPACITY:** Determined by raw water turbidity
- MICRON RATING:** 0.5, 1, 5, 10, 20, 30, 50 and 75 micron nominal
- COLOUR:** White
- MATERIAL:** Virgin, melt-blown (thermally bonded) polypropylene - chemical and bacterial resistant. All materials conform to NSF Standards 42/53. No leachables or extractables. Contains no solvents, binders or additives.
- PACKAGING** Sterile, cellulose-fibre paper, sealed package, white
- CORPORATE MARKS:**



MICRON RATING BY MODEL AND ΔP PERFORMANCE:

Cartridge Model	Micron Rating	Initial ΔP @ Flow Rate
HSD10005A	0.5	4.4 psi @ 3 GPM
HSD10010A	1	3.0 psi @ 3 GPM
HSD10050A	5	2.2 psi @ 5 GPM
HSD10100A	10	0.6 psi @ 5 GPM
HSD10200A	20	0.6 psi @ 5 GPM
HSD10300A	30	0.5 psi @ 5 GPM
HSD10500A	50	0.5 psi @ 5 GPM
HSD10750A	75	0.4 psi @ 5 GPM
HSD20005A	0.5	2.6 psi @ 6 GPM
HSD20010A	1	1.7 psi @ 6 GPM
HSD20050A	5	0.9 psi @ 10 GPM
HSD20100A	10	0.6 psi @ 10 GPM
HSD20200A	20	0.6 psi @ 10 GPM
HSD20300A	30	0.5 psi @ 10 GPM
HSD20500A	50	0.3 psi @ 10 GPM
HSD20750A	75	0.2 psi @ 10 GPM
HSD30010A	1	1.2 psi @ 10 GPM
HSD30050A	5	0.8 psi @ 10 GPM
HSD30200A	20	0.3 psi @ 10 GPM
HSD30500A	50	0.2 psi @ 10 GPM
HSD40010A	1	0.9 psi @ 10 GPM
HSD40050A	5	0.7 psi @ 10 GPM
HSD40200A	20	0.3 psi @ 10 GPM
HSD40500A	50	0.2 psi @ 10 GPM

*Hypurion HSD Series gradient density matrix structure eliminates surface blinding to ensure longer cartridge life. Precise micron cutoffs produced by a fully automated production process ensures consistent variation from the cartridge exterior to the self-supporting core.