



**WATERITE TECHNOLOGIES, INC.**  
3-75 Meridian Drive  
Winnipeg, MB  
Canada R2R 2V9  
PHONE: (204) 786-1604  
FAX: (204) 783-1599  
waterite@waterite.com  
www.waterite.com

**WATERITE TECHNOLOGIES, INC.  
PRODUCT SPECIFICATION SHEET  
FIL-SPP-020R1**

**HYPURION *MAPLE SAP RATED*  
PP MELT BLOWN CARTRIDGE**

Waterite Hypurion® MSR Series cartridges are designed and produced specifically for clarification and particulate reduction in maple sap refining operations. Ideal for use to pre-treat maple sap prior to its reduction by RO membrane systems. Hypurion MSR series cartridges may also be used in general purpose water filtration applications for the reduction of sediment and turbidity in municipal or well water.

- TYPE:** 2 ½” cartridges for 20” 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:** Raw maple sap. Also suitable for municipal or well water filtration.
- TEMP. RANGE:** 3.0°C to 65.0°C
- CAPACITY:** Determined by raw maple sap particulate count
- MICRON RATING:** 5 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-fiber paper, sealed package, white

**MICRON RATING BY MODEL AND ΔP PERFORMANCE:**

<b>Cartridge</b>	<b>Micron</b>	<b>Initial ΔP</b>
<b><u>Model</u></b>	<b><u>Rating</u></b>	<b><u>@ Flow Rate*</u></b>
HSD20MSR	5 nominal	0.9 psi @ 10 GPM

*\*test data using water*

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

**CORPORATE MARKS:**



**SPEC FIL-SPP-020R1**

*November, 2010*