HARMSCO®

Surface Water

Solids Content

High

Very turbid water in the 20 NTU range or more. For high solids a backwashing, multi media filter may be required, plus two Harmsco® filters down stream for final filtration...one with 5 micron cartridges and one with absolute rated 1 micron Poly-Pleat™ cartridges.

Average

Typical lake, river, stream or reservoir water. Here, what has worked best is a three-train system. One filter with 20 micron cartridges, one with 5 micron cartridges and a final filter with Poly-Pleat™ cartridges.

Low

Water in the 1 NTU range or below. Here, use a two-train system...one filter with 5 micron cartridges and one with Poly-Pleat™ cartridges.

Very Low

Spring, ground or even municipal water in the 0.5 NTU range or below. Use one filter with Poly-Pleat™ cartridges (unless a pre-filter is needed for surface water with higher turbidity during spring time run-off).

Cartridge Life Span

Harmsco® Polyester Cartridges

Harmsco® cartridges are pleated for more surface area so they provide long life. Also, the polyester media is cleanable so Harmsco® cartridges are reusable to further reduce costs.

Harmsco® Poly-Pleat™ Cartridges

Based on filtration tests, the following throughput is typical:

Filter Housing	Filter Cartridge	Gallons To 30 PSID
HUR 90 HP	PP-HC-90-1	1,000,000
HUR 90 HP	PP-HC-170-1	1,800,000

Other Guidelines and Suggestions

To select the pipe sizes that meet the customer's requirements, contact us at Harmsco or visit our website at www.harmsco.com.

Note: This publication is to be used as a guide. The data within has been obtained from many sources and is considered to be accurate. Harmsco does not assume liability for the accuracy and/or completeness of this data. Changes to the data can be made without notification. Temperature, Pressure, Flow Rates, Differential Pressures, Chemical Combinations and other unknown factors can affect performance in unknown ways. Limited Warranty: Harmsco warrants their products to be free of material and workmanship defects. Determination of suitability of Harmsco products for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. The end user/installer/buyer shall be liable for the product's performance and suitability regarding their specific intended applications. End users should perform their own tests to determine suitability for each application.

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