

Premium Polyester Plus Filter Cartridges

High Temp

Designed for HIF, BC and FSSS Filter Housings

Highly efficient filter cartridges made of pleated Polyester-Plus™ filter media. The industry's largest surface area

- Lower overall operating cost
- Longer filter runs for fewer change outs
- Lower initial pressure drops
- Reduced maintenance down time and cost
- Increased contaminant removal
- High flow capability
- Higher Temperature Capability

Features

- ▶ Pleated design for more surface area
- ▶ FDA approved materials
- ▶ NSF/ANSI/CAN Standard 61 certified
- ▶ Cleanable and reusable in most applications and micron sizes
- ▶ Thermally bonded end caps to ensure better sealing
- ▶ Full product line - largest selection of micron ratings
- ▶ Engineered media for superior performance

Applications

- ▶ Reverse Osmosis Pre-filtration
- ▶ Municipal Drinking Water Filtration
- ▶ Commercial/Residential Drinking Water Filtration
- ▶ Desalination Pre-filtration
- ▶ Industrial Water Filtration
- ▶ Cooling Tower Filtration
- ▶ Chill Water Loop Filtration
- ▶ Food & Beverage Filtration
- ▶ Marine/Aquatic Filtration
- ▶ Industrial Coolant Filtration



Certified to
NSF/ANSI/CAN
Standard 61



Premium 801 Series Cartridges

Specifications

- ▶ **Filter media** - Polyester-Plus™
- ▶ **Temperature** - 200°F
- ▶ **Dimensions** - 2-3/4" O.D.; 1-1/16" I.D.
- ▶ **Center tubes** - Polypropylene
- ▶ **pH** - 3 to 11
- ▶ **Flow rate** - 6 GPM per 9-3/4" length
- ▶ **End caps** - Urethane
- ▶ **Surface area (801 Series)** - 6 sq.ft. per 9-3/4" length (approx.)

Cartridge Selection / Sizing Guide

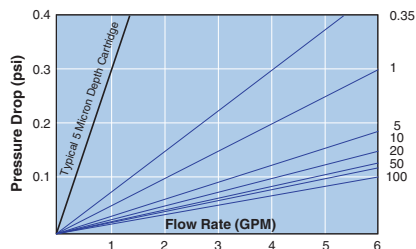
Polyester-Plus™ - engineered for high efficiency and low pressure drops. Harmsco® HIF filter housings use 9-3/4", 19-1/2", 29-1/4" and 39" length cartridges only.

Cartridge Length

Product Code*	Nominal Micron Rating	Media Area (sq. ft. - approx.)	Recommended Flow Rate (GPM)	Length (in.)	O.D. (in.)	No./Case
801-0.35HT	0.35	6	6	9-3/4	2-3/4	24
801-1HT	1	6	6	9-3/4	2-3/4	24
801-5HT	5	6	6	9-3/4	2-3/4	24
801-10HT	10	6	6	9-3/4	2-3/4	24
801-20HT	20	6	6	9-3/4	2-3/4	24
801-50HT	50	6	6	9-3/4	2-3/4	24
921-0.35HT	0.35	12	12	19-1/2	2-3/4	24
921-1HT	1	12	12	19-1/2	2-3/4	24
921-5HT	5	12	12	19-1/2	2-3/4	24
921-10HT	10	12	12	19-1/2	2-3/4	24
921-20HT	20	12	12	19-1/2	2-3/4	24
921-50HT	50	12	12	19-1/2	2-3/4	24
921-100HT	100	12	12	19-1/2	2-3/4	24
801-0.35/20HT	0.35	12	12	20	2-3/4	24
801-1/20HT	1	12	12	20	2-3/4	24
801-5/20HT	5	12	12	20	2-3/4	24
801-10/20HT	10	12	12	20	2-3/4	24
801-20/20HT	20	12	12	20	2-3/4	24
801-50/20HT	50	12	12	20	2-3/4	24
931-0.35HT	0.35	18	18	29-1/4	2-3/4	24
931-1HT	1	18	18	29-1/4	2-3/4	24
931-5HT	5	18	18	29-1/4	2-3/4	24
931-10HT	10	18	18	29-1/4	2-3/4	24
931-20HT	20	18	18	29-1/4	2-3/4	24
931-50HT	50	18	18	29-1/4	2-3/4	24
801-0.35/30HT	0.35	18	18	30	2-3/4	24
801-1/30HT	1	18	18	30	2-3/4	24
801-5/30HT	5	18	18	30	2-3/4	24
801-10/30HT	10	18	18	30	2-3/4	24
801-20/30HT	20	18	18	30	2-3/4	24
801-50/30HT	50	18	18	30	2-3/4	24
941-0.35HT	0.35	24	24	39	2-3/4	24
941-1HT	1	24	24	39	2-3/4	24
941-5HT	5	24	24	39	2-3/4	24
941-20HT	20	24	24	39	2-3/4	24
941-50HT	50	24	24	39	2-3/4	24
801-0.35/40HT	0.35	24	24	40	2-3/4	24
801-1/40HT	1	24	24	40	2-3/4	24
801-5/40HT	5	24	24	40	2-3/4	24
801-10/40HT	10	24	24	40	2-3/4	24
801-20/40HT	20	24	24	40	2-3/4	24
801-50/40HT	50	24	24	40	2-3/4	24

* Add suffix "W" if wrapped (ex. "801-0.35W")

Low Pressure Drop With Harmsco® Cartridges



Pressure drops are exceptionally low with Premium Series cartridges due to high surface area and Polyester-Plus™ engineered media. The data shown (right) is per new 9-3/4" cartridge in clean water.

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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