

Premium Polyester Plus Filter Cartridges

801 Series

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

Features

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

Applications

- ▶ Reverse Osmosis Pre-filtration
- ▶ Municipal Drinking Water Filtration
- ▶ Commercial/Residential Drinking Water Filtration
- ▶ Desalination Pre-filtration
- ▶ Industrial Water Filtration

Specifications

- ▶ **Filter media** - Polyester-Plus™ and Harmsco Free
- ▶ **Temperature** - 140°F Max
- ▶ **Dimensions** - 2-3/4" O.D.; 1-1/16" I.D.
- ▶ **Center Core** - Molded ABS



- ▶ Cooling Tower Filtration
- ▶ Chill Water Loop Filtration
- ▶ Food & Beverage Filtration
- ▶ Marine/Aquatic Filtration
- ▶ Industrial Coolant Filtration

- ▶ **pH** - 3 to 11
- ▶ **Flow rate** - 4-6 GPM per 9-3/4" length
- ▶ **End caps** - Plastisol (pliable PVC)
- ▶ **Surface area (801 Series)** - 6 sq.ft. per 9-3/4" length (approx.)

Premium 801 Series Cartridges

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

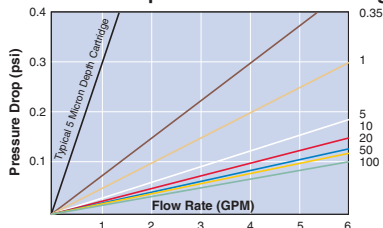
Product Code*	Nominal Micron Rating	Media Area (sq. ft. - approx.)	Recommended Flow Rate (GPM)	Length (in.)	O.D. (in.)	No./Case
801-0.35	0.35	6	6	9-3/4	2-3/4	24
801-1	1	6	6	9-3/4	2-3/4	24
801-5	5	6	6	9-3/4	2-3/4	24
801-10	10	6	6	9-3/4	2-3/4	24
801-20	20	6	6	9-3/4	2-3/4	24
801-50	50	6	6	9-3/4	2-3/4	24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

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

Harmsco-Free - 100% synthetic composite media

801-1W-HF	1	6	6	9-3/4	2-3/4	24
801-5W-HF	5	6	6	9-3/4	2-3/4	24
801-20W-HF	20	6	6	9-3/4	2-3/4	24
921-1W-HF	1	12	12	19-1/2	2-3/4	24
921-5W-HF	5	12	12	19-1/2	2-3/4	24
921-20W-HF	20	12	12	19-1/2	2-3/4	24

Low Pressure Drop With Harmsco® Cartridges



Graph colors (left) correspond with color codes (above) used to identify nominal micron rating of cartridge. Pressure drops are exceptionally low with Premium Series cartridges due to high surface area and Polyester-Plus™ engineered media. The data shown (left) 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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