

HARMSCO®

Premium Polyester Series Cartridges

Industrial Grade

Designed for HIF, BC, HMC 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



Certified to
ANSI-NSF 61

Excluding High Temp Cartridges

Features

- ▶ Pleated design for more surface area
- ▶ FDA approved materials - NSF 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
- ▶ Optional High Temperature cartridges available



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



HARMSCO® Filtration Products

Distributed By: Applied Membranes, Inc.



Made in USA

www.appliedmembranes.com

Specifications

- ▶ **Filter media** - Polyester-Plus™
- ▶ **Temperature** - 140°F (standard cartridges)
200°F (high temp. cartridges)
- ▶ **Dimensions** - 2-3/4" O.D.; 1-1/16" I.D.
- ▶ **Center tubes** - Molded ABS or rigid PVC
- ▶ **pH** - 3 to 11
- ▶ **Flow rate** - 4-6 GPM per 9-3/4" length
- ▶ **End caps** - Plastisol (pliablePVC)
- ▶ **Surface area (801 Series)** - 6 sq.ft. per 9-3/4" length (approx.)



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Cartridge Selection/Sizing Guide

2-3/4" O.D. Note - Harmsco® HIF filter housings use odd length cartridges only.

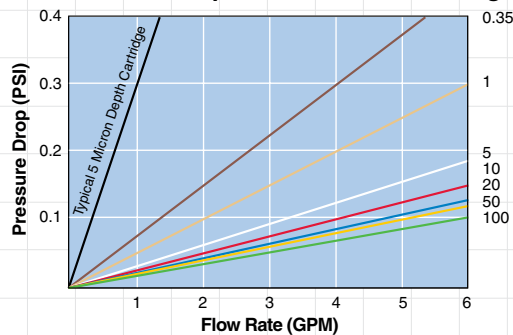
Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	O.D. (in)	No./Case
Polyester - engineered for high efficiency, low pressure drops						
801-0.35	0.35	6	6	9-3/4	2-3/4	24
801-1	1	6	6	9-3/4	2-3/4	24
801-5	5	6	6	9-3/4	2-3/4	24
801-10	10	6	6	9-3/4	2-3/4	24
801-20	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
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
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
801-20/20*	20	12	12	20	2-3/4	24
801-50/20	50	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
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
801-20/30*	20	18	18	30	2-3/4	24
801-50/30	50	18	18	30	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
801-20/40*	20	24	24	40	2-3/4	24
801-50/40	50	24	24	40	2-3/4	24

Polyester: High Temperature - rated up to 200°F (93°C) with polypropylene center cores

801-1-HT	1	6	6	9-3/4	2-3/4	24
801-5-HT	5	6	6	9-3/4	2-3/4	24
801-20-HT	20	6	6	9-3/4	2-3/4	24
801-50-HT	50	6	6	9-3/4	2-3/4	24

* Add suffix "W" if wrapped (ex. "801-0.35/20W")

Low Pressure Drop With Harmsco® Cartridges



Nominal Micron	0.35	1	5	10	20	50	100
End Cap	Brown	Tan	White	Red	Blue	Yellow	Green

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.

Distributed By:

APPLIED MEMBRANES INC.®