

## Premium Polyester Filter Cartridges

*Industrial Grade*

**Designed for Housings That Utilize 2-1/2" O.D. Cartridges, and All Harmsco® FSSS, BC, HIF and HMC 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  
NSF/ANSI/CAN  
Standard 61

### Features

- ▶ Pleated filter media provides higher flow rates and lower initial pressure drop
- ▶ Pleated filters offer more surface area providing higher loading capacity for longer filter life and increased particle removal
- ▶ End cap, center tubes and media are thermally bonded as one integral component for added strength
- ▶ Offered in Polyester-Plus™, Harmsco-Free and Poly-Pleat™ media types
- ▶ Color coded end caps for easy micron identification



### 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



# Premium 701 Series Filter Cartridges

## Specifications

- ▶ **Filter media:** Polyester-Plus™, Synthetic and Polypleat options
- ▶ **Center Core:** Rigid PVC with perforations or ABS
- ▶ **Temperature:** 140°F (60°C) MAX
- ▶ **Shrink Wrap:** Standard on all cartridges
- ▶ **End Caps:** Pliable PVC
- ▶ **Change Out:** 25 PSI ΔP (1.7 bar) recommended
- ▶ **pH:** 3 to 11



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## Cartridge Selection/Sizing Guide

### 2-1/2" O.D.

Cartridge Length

Product Code	Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	O.D. (in)	No./Case
<b>Polyester-Plus™</b> - engineered for high efficiency, and Low pressure drops						
701-0.35	0.35	5	4	9-3/4	2-1/2	28
701-1	1	5	4	9-3/4	2-1/2	28
701-5	5	5	4	9-3/4	2-1/2	28
701-10	10	5	4	9-3/4	2-1/2	28
701-20	20	5	4	9-3/4	2-1/2	28
701-50	50	5	4	9-3/4	2-1/2	28
701-0.35/10	0.35	5	4	10	2-1/2	28
701-1/10	1	5	4	10	2-1/2	28
701-5/10	5	5	4	10	2-1/2	28
701-10/10	10	5	4	10	2-1/2	28
701-20/10	20	5	4	10	2-1/2	28
701-50/10	50	5	4	10	2-1/2	28
701-0.35/20	0.35	10	8	20	2-1/2	28
701-1/20	1	10	8	20	2-1/2	28
701-5/20	5	10	8	20	2-1/2	28
701-10/20	10	10	8	20	2-1/2	28
701-20/20	20	10	8	20	2-1/2	28
701-50/20	50	10	8	20	2-1/2	28
701-0.35/30	0.35	15	12	30	2-1/2	28
701-1/30	1	15	12	30	2-1/2	28
701-5/30	5	15	12	30	2-1/2	28
701-10/30	10	15	12	30	2-1/2	28
701-20/30	20	15	12	30	2-1/2	28
701-50/30	50	15	12	30	2-1/2	28
701-0.35/40	0.35	20	16	40	2-1/2	28
701-1/40	1	20	16	40	2-1/2	28
701-5/40	5	20	16	40	2-1/2	28
701-10/40	10	20	16	40	2-1/2	28
701-20/40	20	20	16	40	2-1/2	28
701-50/40	50	20	16	40	2-1/2	28

### Harmsco-Free - 100% synthetic composite media

701-1/10-HF	1	5	4	10	2-1/2	28
701-5/10-HF	5	5	4	10	2-1/2	28
701-20/10-HF	20	5	4	10	2-1/2	28
701-1/20-HF	1	10	8	20	2-1/2	28
701-5/20-HF	5	10	8	20	2-1/2	28
701-20/20-HF	20	10	8	20	2-1/2	28
701-1/30-HF	1	15	12	30	2-1/2	28
701-5/30-HF	5	15	12	30	2-1/2	28
701-20/30-HF	20	15	12	30	2-1/2	28
701-1/40-HF	1	20	16	40	2-1/2	28
701-5/40-HF	5	20	16	40	2-1/2	28
701-20/40-HF	20	20	16	40	2-1/2	28

### Poly-Pleat™ - 1 micron absolute, multi-layered media

PP-701-1/10	1	3	1.5	10	2-1/2	28
PP-701-1/20	1	7	3.5	20	2-1/2	28
PP-701-1/30	1	11	5.5	30	2-1/2	28
PP-701-1/40	1	15	7.5	40	2-1/2	28

### Six micron ratings and color coded end caps for easy identification.

<b>Nominal Micron:</b>	 0.35µm	 1µm	 5µm	 10µm	 20µm	 50µm
<b>End Cap Color:</b>	 Brown	 Tan	 White	 Red	 Blue	 Yellow

**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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