

Premium High-Temperature Cartridges

Industrial Grade

Designed for Hurricane® and WaterBetter® Housings

High temperature pleated cartridges for high capacity filtration.
Two types of filter media for flexibility: Polyester Plus™
and Cellulose Phenolic.

- High flow capability
- Two types of pleated media for flexibility
- Lower overall operating cost
- Longer filter runs for fewer change outs
- Increased contaminant removal
- Two temperature ratings to choose from:
200°F (93°C) and 250°F (121°C)

Features

- ▶ Fewer cartridges for fewer change outs and lower maintenance cost
- ▶ Pleated filter media provides higher flow rates and lower initial pressure drop
- ▶ Pleated surface area provides higher loading capacity for longer filter life and increased particle removal
- ▶ Aqueous and oil based fluid applications
- ▶ High surface area (40, 90 and 170 sq. ft.) in a single cartridge design



Cellulose Phenolic
90 and 170

Polyester Plus™
40, 90 and 170

Applications

- ▶ Hot Water Loops
- ▶ Boiler Make-up Water
- ▶ Petrochemical
- ▶ Lubricating Oil
- ▶ Cutting Fluids
- ▶ Solvents
- ▶ Distillate Fuel
- ▶ Fuel Oil
- ▶ Hydraulic Fluids
- ▶ Bio Fuels



Specifications

- ▶ **Filter media** - polyester or cellulose phenolic
- ▶ **End Caps** - injection molded (Suffix HT) or powder coated metal (Suffix HTM)
- ▶ **Temperature** - up to 200°F (93°C) w/suffix HT; up to 250°F (121°C) w/suffix HTM
- ▶ **Center Core** - powder coated perforated metal
- ▶ **pH** - 6.5 to 9.5
- ▶ **Change Out** - 25 PSI ΔP (1.7 bar)
- ▶ **O-Rings & Sealing Grommet** - Buna N standard, optional Viton available

Cartridge Selection/Sizing Guide

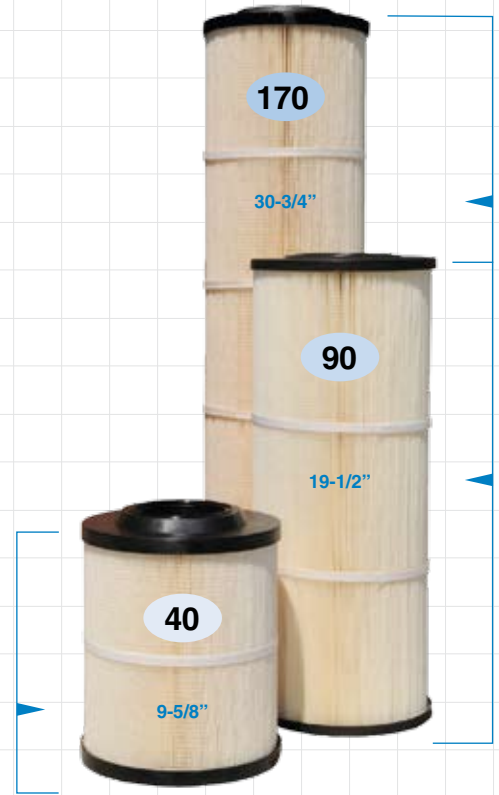
7-3/4" O.D. Temperature ratings based on pressure and time under load.

Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	No./Case
Polyester Plus - rated up to 200°F (93°C)					
HC/40-20HT	20	40	35	9-5/8	1
HC/40-50HT	50	40	35	9-5/8	1
HC/90-5HT	5	90	70	19-1/2	1
HC/90-10HT	10	90	70	19-1/2	1
HC/90-20HT	20	90	70	19-1/2	1
HC/90-50HT	50	90	70	19-1/2	1
HC/170-5HT	5	170	105	30-3/4	1
HC/170-10HT	10	170	105	30-3/4	1
HC/170-20HT	20	170	105	30-3/4	1
HC/170-50HT	50	170	105	30-3/4	1

Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	No./Case
Polyester Plus - rated up to 250°F (121°C)					
HC/40-20HTM	20	40	35	9-5/8	1
HC/40-50HTM	50	40	35	9-5/8	1
HC/90-5HTM	5	90	70	19-1/2	1
HC/90-10HTM	10	90	70	19-1/2	1
HC/90-20HTM	20	90	70	19-1/2	1
HC/90-50HTM	50	90	70	19-1/2	1
HC/170-5HTM	5	170	105	30-3/4	1
HC/170-10HTM	10	170	105	30-3/4	1
HC/170-20HTM	20	170	105	30-3/4	1
HC/170-50HTM	50	170	105	30-3/4	1

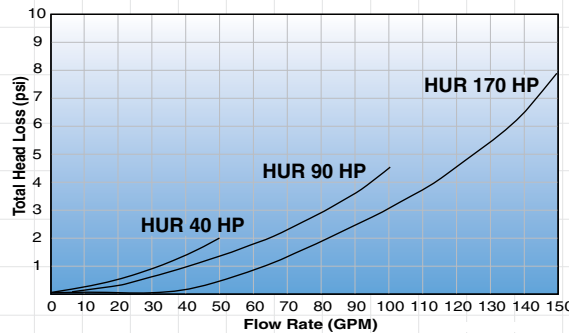
Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	No./Case
Cellulose Phenolic - rated up to 200°F (93°C)					
HC/90-5CPHT	5	90	70	19-1/2	1
HC/170-5CPHT	5	170	105	30-3/4	1

Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate* (GPM)	Length (in)	No./Case
Cellulose Phenolic - rated up to 250°F (121°C)					
HC/90-5CPHTM	5	90	70	19-1/2	1
HC/170-5CPHTM	5	170	105	30-3/4	1



Hurricane® Cartridges
Length and O.D.

Pressure Drop shown at right is for filter housing and 20 micron filter cartridge in clean water.



HARMSCO® Filtration Products

www.harmsco.com



Made in USA

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