HARMSCO® HCHT

Premium Hurricane® High-Temp 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
Lower overall operating cost
Increased contaminant removal
Two temperature ratings to choose from: 200°F (93°C) and 230°F (110°C)

Cellulose Phenolic
90 and 170

Polyester-Plus™
40, 90 and 170

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 in a single cartridge design
- Two temperature ratings to choose from: 200°F (93°C) and 230°F (110°C)

Applications

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

Premium Hurricane® High-Temp Cartridges

Specifications

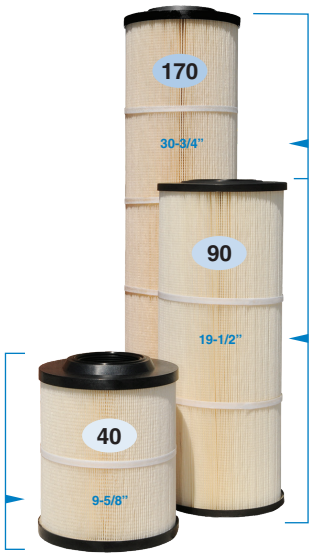
- **Filter media:** Polyester or cellulose phenolic
- **End Caps:** Injection molded (Suffix HT) or powder coated metal (Suffix HTM)
- **Temperature:** up to 200˚F (93˚C) w/suffix HT; up to 230˚F (110˚C) w/suffix HTM
- **Center Core:** Powder coated perforated metal
- **pH:** 6.5 to 9.5
- **Change Out:** 25 psi ΔP
- **O-Rings & Sealing Grommet:** Buna N standard, optional Viton available

Cartridge Selection/Sizing Guide

7-3/4" O.D.

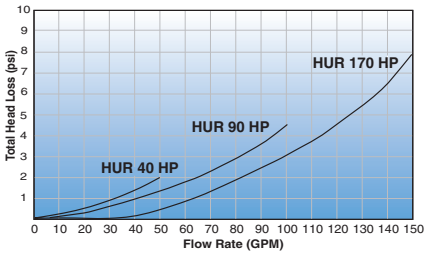
Temperature ratings based on pressure and time under load.

Product Code	Nominal Micron Rating	Media (sq. ft.)	Recommended Flow Rate* (GPM)	Length (in.)
Polyester-Plus™ - rated up to 200°F (93°C)				
HC/40-0.35HT	0.35	40	35	9-5/8
HC/40-1HT	1	40	35	9-5/8
HC/40-5HT	5	40	35	9-5/8
HC/40-10HT	10	40	35	9-5/8
HC/40-20HT	20	40	35	9-5/8
HC/40-50HT	50	40	35	9-5/8
HC/90-0.35HT	0.35	90	70	19-1/2
HC/90-1HT	1	90	70	19-1/2
HC/90-5HT	5	90	70	19-1/2
HC/90-10HT	10	90	70	19-1/2
HC/90-20HT	20	90	70	19-1/2
HC/90-50HT	50	90	70	19-1/2
HC/170-0.35HT	0.35	170	105	30-3/4
HC/170-1HT	1	170	105	30-3/4
HC/170-5HT	5	170	105	30-3/4
HC/170-10HT	10	170	105	30-3/4
HC/170-20HT	20	170	105	30-3/4
HC/170-50HT	50	170	105	30-3/4
Polyester-Plus™ - rated up to 250°F (121°C)				
HC/40-0.35HTM	0.35	40	35	9-5/8
HC/40-1HTM	1	40	35	9-5/8
HC/40-5HTM	5	40	35	9-5/8
HC/40-10HTM	10	40	35	9-5/8
HC/40-20HTM	20	40	35	9-5/8
HC/40-50HTM	50	40	35	9-5/8
HC/90-0.35HTM	0.35	90	70	19-1/2
HC/90-1HTM	1	90	70	19-1/2
HC/90-5HTM	5	90	70	19-1/2
HC/90-10HTM	10	90	70	19-1/2
HC/90-20HTM	20	90	70	19-1/2
HC/90-50HTM	50	90	70	19-1/2
HC/170-0.35HTM	0.35	170	105	30-3/4
HC/170-1HTM	1	170	105	30-3/4
HC/170-5HTM	5	170	105	30-3/4
HC/170-10HTM	10	170	105	30-3/4
HC/170-20HTM	20	170	105	30-3/4
HC/170-50HTM	50	170	105	30-3/4
Cellulose Phenolic - rated up to 200°F (93°C)				
HC/90-5CPHT	5	90	70	19-1/2
HC/170-5CPHT	5	170	105	30-3/4
Cellulose Phenolic - rated up to 250°F (121°C)				
HC/90-5CPHTM	5	90	70	19-1/2
HC/170-5CPHTM	5	170	105	30-3/4



Hurricane® Cartridges

For use with HUR 1X170FL swingbolt unit, this 362-L-316-HT handle is required to ensure proper cartridge fit/control.



Pressure drop shown above is for filter housing and 20 micron filter 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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10/26 Rev. 4