# HARMSCO®
# Coated Housings

# COAT

## Designed To Resist Sea Water, Wastewater and Harsh Chemicals

### Fusion-bonded Epoxy Coating!

● **Harmsco® filter housings are available with a 3M™ fusion bonded epoxy coating for resistance to harsh chemicals and sea water.**
**This coating has been tested and certified to ANSI/NSF Standard 61 for Drinking Water Systems Components and meets the requirements of AWWA Standard C213 and C550.**

## Features

▶ Excellent chemical resistance
▶ Resists cavitation and cathodic disbondment
▶ High adhesion and toughness
▶ Protects over a wide temperature range
▶ Lightweight for lower shipping cost
▶ Coating Certified to ANSI/NSF Standard 61
▶ Meets requirements of AWWA Standard C213 and C550

**Fusion Bonded
Epoxy Coated Housings**

## Applications

▶ Desalination Pre-filtration
▶ Industrial Wastewater Treatment
▶ Environmental Compliance
▶ Marine/Aquatic Filtration
▶ Ballast Filtration

▶ Brackish Water Filtration
▶ Chemical Solvent Filtration
▶ Plating Solutions
▶ Process Water Filtration
▶ Bilge Water Filtration

# HARMSCO® Filtration Products

Made in USA

# Harmsco® Fusion-bonded Epoxy Coated Housings    COAT

## Specifications

- ▶ **pH Range:** 5-12
  (dependent on temperature and compound)
- ▶ **Thickness:** 8 mil
- ▶ **Operating Temperature:** up to 140°F (60°C)
  (dependent on time, pressure and load)
- ▶ **Color:** Forest Green

## Ordering Information

### Harmsco® Housings with Fusion Bonded Epoxy Coating Option

#### HP HURRICANE® HOUSINGS

| Filter Model | MAX FLOW RATE GPM* | RECOMMENDED FLOW RATE GPM* | LPM* | M³/Hr* | Height | Diameter | Pipe Size I/O | Drain Size NPT | Ship Wt.(lbs) |
|---|---|---|---|---|---|---|---|---|---|
| HUR 40 HP COAT | 50 | 35 | 132 | 8 | 19-1/2" | 13" | 2" | 1" | 40 |
| HUR 90 HP COAT | 100 | 70 | 265 | 16 | 29-7/8" | 13" | 2" | 1" | 52 |
| HUR 170 HP COAT | 150 | 105 | 397 | 24 | 40-1/2" | 13" | 2" | 1" | 64 |

#### WB WaterBetter® HOUSINGS

| Filter Model | MAX FLOW RATE GPM* | RECOMMENDED FLOW RATE GPM* | LPM* | M³/Hr* | Height | Diameter | Pipe Size I/O | Drain Size NPT | Ship Wt.(lbs) |
|---|---|---|---|---|---|---|---|---|---|
| WB 40SC-2 COAT | 50 | 35 | 132 | 8 | 19-1/4" | 13" | 2" | 1" | 40 |
| WB 90SC-2 COAT | 100 | 70 | 265 | 16 | 29-3/8" | 13" | 2" | 1" | 51 |
| WB 170SC-2 COAT | 150 | 105 | 397 | 24 | 39-1/8" | 13" | 2" | 1" | 64 |
| WB 3X170 COAT | 450 | 315 | 1,192 | 71 | 48-1/4" | 20" | 3" | 1-1/2" | 200 |
| WB 5X170FL COAT | 750 | 525 | 1,987 | 119 | 46" | 26" | 4" Flange | 1-1/2" | 260 |

#### HIF® HOUSINGS

| Filter Model | MAX FLOW RATE GPM* | RECOMMENDED FLOW RATE GPM* | LPM* | M³/Hr* | Height | Diameter | Pipe Size I/O | Drain Size NPT | Ship Wt.(lbs) |
|---|---|---|---|---|---|---|---|---|---|
| HIF 7 COAT | 30 | 24 | 113 | 7 | 19-1/2" | 13" | 1-1/2" | 1" | 29 |
| HIF 14 COAT | 60 | 48 | 226 | 14 | 28" | 13" | 1-1/2" | 1" | 39 |
| HIF 16 COAT | 75 | 60 | 284 | 17 | 28" | 13" | 2" | 1" | 39 |
| HIF 21 COAT | 90 | 72 | 340 | 20 | 37" | 13" | 1-1/2" | 1" | 50 |
| HIF 24 COAT | 100 | 80 | 397 | 23 | 37" | 13" | 2" | 1" | 50 |
| HIF 42 COAT | 175 | 140 | 662 | 40 | 40" | 18" | 2" | 1" | 100 |
| HIF 75 COAT | 300 | 240 | 1,135 | 68 | 42" | 20" | 3" | 1-1/2" | 129 |
| HIF 100 COAT | 400 | 320 | 1,514 | 91 | 52" | 20" | 3" | 1-1/2" | 188 |
| HIF 150FL COAT | 600 | 480 | 2,271 | 136 | 48" | 28" | 4" Flange | 1-1/2" | 274 |
| HIF 200FL COAT | 800 | 640 | 3,028 | 181 | 58" | 28" | 4" Flange | 1-1/2" | 321 |

#### BCB STANDARD AND EXTENDED BAG HOUSINGS

| Filter Model | MAX FLOW RATE GPM* | RECOMMENDED FLOW RATE GPM* | LPM* | M³/Hr* | Height | Diameter | Pipe Size I/O | Drain Size NPT | Ship Wt.(lbs) |
|---|---|---|---|---|---|---|---|---|---|
| BCB-1-1.5-STD COAT | 90 | 72 | 341 | 20 | 28-1/4" | 8" | 1-1/2" | 1.5" | 29 |
| BCB-1-1.5-EXT COAT | 90 | 72 | 341 | 20 | 28-1/4" | 8" | 1-1/2" | 1.5" | 29 |
| BCB-1-2-STD COAT | 90 | 72 | 341 | 20 | 28-1/4" | 8" | 2" | 2" | 29 |
| BCB-1-2-EXT COAT | 90 | 72 | 341 | 20 | 28-1/4" | 8" | 2" | 2" | 29 |
| BCB-2-1.5-STD COAT | 200 | 180 | 757 | 45 | 42-3/4" | 8" | 1-1/2" | 1.5" | 41 |
| BCB-2-1.5-EXT COAT | 200 | 180 | 757 | 45 | 42-3/4" | 8" | 1-1/2" | 1.5" | 41 |
| BCB-2-2-STD COAT | 200 | 180 | 757 | 45 | 42-3/4" | 8" | 2" | 2" | 41 |
| BCB-2-2-EXT COAT | 200 | 180 | 757 | 45 | 42-3/4" | 8" | 2" | 2" | 41 |

*Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, viscosity, solids content and a number of other factors.
For complete flow and pressure drop information please refer to your cartridge manufacturer guidelines.