



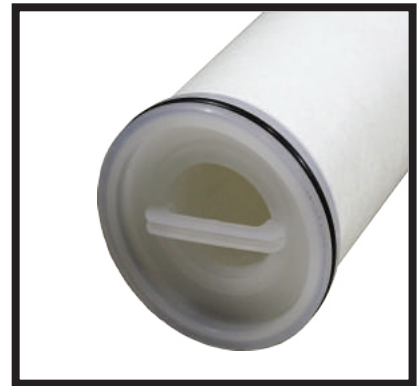
WINSTON / ROYAL GUARD CORPORATION

High Flow Filter Cartridge for Liquids

WHFP High Flow Pleated Series

For high flow industrial liquid process applications, the WHFP High Flow pleated series filter cartridge with inside to outside flow direction removes unwanted solid contaminants from liquid flows when provided in the Winston/Royal Guard Type 61V vertical or 61H horizontal liquid filtration units. The large diameter design offers higher liquid flow rates and maximum surface area for longer service life between cartridge change-outs. To meet industry filtration demands, a large selection of materials, lengths, particle size retentions, and efficiency ratings are available.

FOR TYPE 61 LIQUID
FILTRATION UNITS



Shown above is a typical polypropylene filter cartridge with O-ring for a secure seal and lift-out handle for easy removal from the Type 61 filter housing.

Applications include removal of solid contaminants in liquid processes such as gasoline, diesel fuel, oils, amine, glycol, various chemicals, and many others in the oil & gas, refining, petrochemical, and chemical industries.

BENEFITS:

- Maximum solids retention with high efficiencies.
- Pleated media offers a greater surface area for longer operation between change-outs.
- Reduced maintenance costs and downtime.
- Improved operational performance.

OPERATION SPECIFICATIONS:

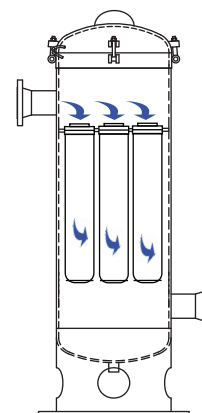
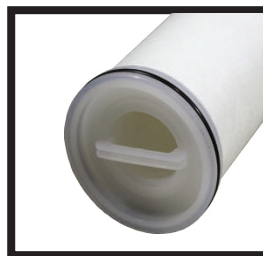
- Flow Direction is inside to outside.
- Wide selection of pleated materials and support layers.
- Large selection of O-ring materials (Buna, EPR, silicone, TEV, Viton).
- 6.3" nominal outside diameter with standard lengths of 40.5", 60.5", and 80.5". Custom lengths are available.
- Recommended differential pressure for filter cartridge change-out is 35 PSI.
- Refer to individual filter cartridge part numbers for temperature limits.

Continued on page 2.....

WHFP High Flow Pleated Series

Filter Cartridge for Liquids

.....Continued from page 1



TYPICAL PART NUMBERS & FEATURES:

WHFPP High Flow with pleated **polypropylene** media:

- End caps and external support: Thermally bonded polypropylene.
- Optional external support material: plated steel or stainless steel (304 or 316).
- Particle retention (micron size): 1, 2, 5, 10, 15, 20, 40, or 70.
- Efficiencies: b02 = 99.5%, b10 = 99.9%, b50 = 99.98%.
- Maximum temperature: 180° F.
- Typical part number: **WHFPP64b10 (1) V**.... (6.3" dia., 40.5" long, 99.9%, 1 micron, Viton O-ring).

WHFPE High Flow with pleated **polyester** media:

- End caps: Nylon with epoxy bond.
- External support: Plated steel. Optional 304 or 316 stainless steel.
- Particle retention (micron size): 1, 2, 5, 10, 15, 20, 40, or 70.
- Efficiencies: b02 = 99.5%, b10 = 99.9%, b50 = 99.98%.
- Maximum temperature: 240° F.
- Typical part number: **WHFPE66b50 (20) T**.... (6.3" dia., 60.5" long, 99.98%, 20 micron, TEV O-ring).

WHFPM High Flow with pleated **microglass** media:

- End caps: Nylon with epoxy bond.
- External support: Plated steel. Optional 304 or 316 stainless steel.
- Particle retention (micron size): 1, 2, 5, 10, 15, 20, 40, or 70.
- Efficiencies: b02 = 99.5%, b10 = 99.9%, b50 = 99.98%.
- Maximum temperature: 275° F.
- Typical part number: **WHFPM68b02 (30) B**.... (6.3" dia., 80.5" long, 99.5%, 30 micron, Buna O-ring).

WHFPCe High Flow with pleated **cellulose** media:

- End caps: Nylon with epoxy bond.
- External support: Plated steel. Optional 304 or 316 stainless steel.
- Particle retention (micron size): 1, 5, 10, 20, 40, or 70.
- Efficiencies: b01 = 99%. Contact factory for higher efficiencies.
- Maximum temperature: 275° F.
- Typical part number: **WHFPCe66b01 (10) B**.... (6.3" dia., 60.5" long, 99%, 10 micron, Buna O-ring).

WHFPCo High Flow with pleated **cotton** media:

- End caps: Nylon with epoxy bond.
- External support: Plated steel. Optional 304 or 316 stainless steel.
- Particle retention (micron size): 2, 5, 10, 20, or 40.
- Efficiencies: b01 = 99%. Contact factory for higher efficiencies.
- Maximum temperature: 300° F with Viton O-ring. 250° F with EPR O-ring.
- Typical part number: **WHFPCo66b01 (10) E**.... (6.3" dia., 60.5" long, 99%, 10 micron, EPR O-ring).

Specifications are subject to change without notice. 7-20-2021 (supersedes 4-15-2019)

WINSTON / ROYAL GUARD CORPORATION

P. O. Box 1145 • White Oak, Texas 75693 USA

Phone (800) 527-8465 • (903) 757-7341 • Fax (903) 759-6986

Winston-RoyalGuard.com • e-mail: sales@winston-royalguard.com

Copyright © 2021 Winston/Royal Guard Corporation. All rights reserved