

Guard-Rite

Microglass over Polyethersulfone - Beverage Pre-final filtration

▪ Prefiltration of Juice

▪ Prefiltration of Beer

▪ Prefiltration of wine

▪ Prefiltration and clarification stages for final sterilizing grade filter protection

Created for beverage pre-final filtration, the **Guard Rite** is the pre-final filter, to cost effectively reduce bioburden before final filtration and packaging. With a depth layer and synchronized final filtration layer optimized to extend final filter life with a stainless steel insert for steam or hot water sanitization.

Guard Rite is engineered to provide cost effective removal of particles and reduction of beverage-spoiling micro-organisms. The superior flowing membrane ensures that flavor and color stay in your beverage. Every **Guard Rite** comes with a certificate of conformance and is manufactured to meet the highest cleanliness standards.

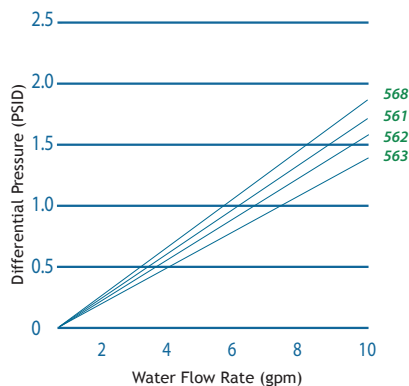
Features & Benefits

Guard-Rite

- Reliable non fiber releasing media
- Synchronized media
- Thermally bonded construction
- No additives or glue
- All materials of construction are FDA compliant with CFR Title 21
- Thermally bonded construction without the use of adhesives or binders, resulting in lower extractables
- High strength design allowing for extended use and multi-autoclave cycles



Performance Characteristics



Specifications

Absolute Rated Retention

0.20, 0.45, 0.65, 0.80

Maximum Differential Pressure

Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)

Maximum Operating Temperature

180°F (82°C) Continuous Duty

Toxicity

Cartridge materials meet USP Class VI and CFR 21 for food and beverage contact

Sterilization

Cartridge can be sterilized via steam or Autoclave: 20 times at 275°F (135°C)
Cartridge may be sanitized in place with common sanitizing agents, contact factory for chemical compatibility

Packaging Economy

Bulk packaging in case quantities to reduce material disposal:

5 inch	48 per carton
10 inch	24 per carton
20 inch	12 per carton
30 inch	12 per carton
40 inch	9 per carton

Materials of Construction

Filter Media

Microglass over Polyethersulfone

End Caps

Polypropylene

Pleat Support Material

Polypropylene
Polyester

Cage/Core

Polypropylene

Seals

Buna N
Fluorocarbon
EPDM
Silicone
PTFE
FEP Encapsulated Fluorocarbon
FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

Guard-Rite

Outside Diameter

2.7" (6.87cm)

Approx. Surface Area

5ft² per 10"

Lengths

5" (12.7cm)
10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Ordering Information

