Guard-Rite

Microglass over Polyethersulfone for Beverage Pre-final filtration

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **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



PRODUCT DESCRIPTION

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 filter comes with a certificate of conformance and is manufactured to meet the highest cleanliness standards.

ABSOLUTE RATED RETENTION
561 = 1µm Microglass over 0.65 µm Polyethersulfone
562 = 2µm Microglass over 0.65 µm Polyethersulfone
563 = 3µm Microglass over 0.65 µm Polyethersulfone
568 = 0.8µm Microglass over 0.65 µm Polyethersulfone

PLEAT SUPPORT
Polypropylene
Polyester

REINFORCING RING
316 Stainless Steel

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

PRODUCTION PROCESS
Thermal Bond

MAXIMUM OPERATING TEMPERATURE
250°F (121°C) Continuous Duty

OUTSIDE DIAMETER
2.7" (6.87cm)

FILTER MEDIA
Microglass over Polyethersulfone

CAGE/CORE/ENDCAPS
Polyester
Polypropylene

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

APPROXIMATE SURFACE AREA
5 Square Feet per 10"

SEALS
Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon | FEP Encapsulated Silicone | PTFE Foam | PTFE Hard

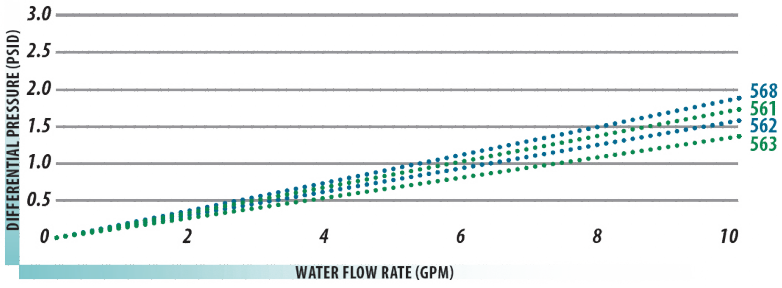
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS



v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	GASKET / O-RING	GRADE	OPTIONS
GR I Gaurd-Rite	**561** = 1µm Microglass over 0.65 µm Polyethersulfone **562** = 2µm Microglass-over 0.65 µm Polyethersulfone **563** = 3µm Microglass over 0.65 µm Polyethersulfone **568** = 0.8µm Microglass over 0.65 µm Polyethersulfone	5" 10" 20" 30" 40"	**PP** I Polypropylene **PE** I Polyester	**C1** = Double Open Ends **C2** = 213/Recessed Cup **C3** = Flat/222 **C4** = Single Open End/Flat **C5** = Recessed Cup/222 **C6** = Flat/226 **C7** = Fin/226 **C8** = Fin/222	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM **TF** = PTFE Foam **TH** = PTFE Hard **TV** = Encapsulated Fluorocarbon **TS** = Encapsulated Silicone	**1** FDA Grade	**DIF** = DI Flush

GR	561	–	10	PP	C1	S	1	DIF	GR561-10PPC1S1DIF
	MICRON RATING		CARTRIDGE LENGTH	PLEAT SUPPORT	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE GRADE	CARTRIDGE OPTIONS	