HSLP

Continuous Pleat High-Solids-Loading Polypropylene Depth

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Absolute-rated media** provides reliable, consistent and repeatable filtration
- **Low pressure drops** yield higher flow rates and reduced processing time
- **Maximized pleat design** for greater surface area, ensuring longer service life, fewer change outs and reduced operating costs per cartridge
- **100% polypropylene**, FDA compliant with CFR 21
- **Thermally bonded construction**, eliminating particle bypass



PRODUCT DESCRIPTION

Strainrite's Continuous Pleat High-Solids-Loading Polypropylene (HSLP) Depth Filter Cartridges is a unique polypropylene depth filter that utilizes long strand small and large diameter fibers to provide a high solids loading, absolute-rated, pleated depth filter. This binder-free depth media is excellent for removing gels and offers more than twice the surface area compared with industry standard non-pleated depth filters. The increased surface area provides higher flow rates at reduced pressure, resulting in increased filter life.

Our 100% polypropylene construction provides an excellent range of chemical compatibility for your most demanding applications. All polypropylene construction materials are CFR 21 listed for direct food contact, which makes this filter ideal for a broad range of applications.

RETENTION RATING
0.2, 1, 2.5, 5, 10, 15, 20, 25, 35, 70, 90, 120 µm

OUTSIDE DIAMETER
EXTRUDED CAGE: 2.55" (6.48cm) | MOLDED CAGE: 2.68" (6.81cm)

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
180°F (82°C) Continuous Duty Polypropylene

PLEAT SUPPORT MATERIAL
Polypropylene

FILTER MEDIA
Polypropylene Microfiber Composite

CAGE/CORE/ENDCAPS
Polypropylene

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

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

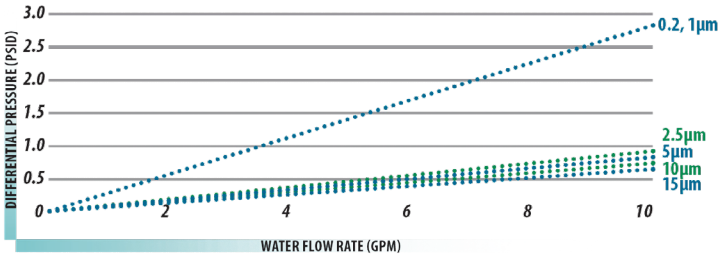
PACKAGING ECONOMY
Single packaging available. Bulk packaging in case quantities to reduce material disposal:
10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

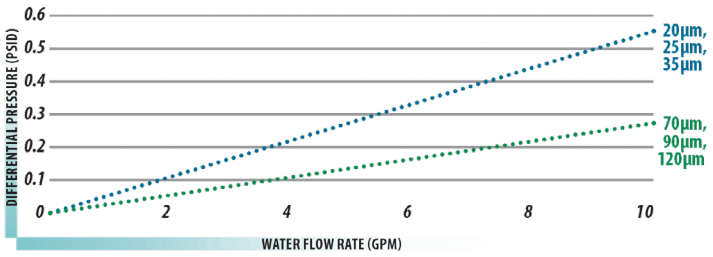
LENGTHS
10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	END CAP	O-RING	GRADE	OPTIONS
HSLP	0.2 µm 1 µm 2.5 µm 5 µm 10 µm 15 µm 20 µm 25 µm 35 µm 70 µm 90 µm 120 µm	10" 20" 30" 40"	**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	**-** = General **1** = FDA **5** = Water	**I** = 316 SS Insert **MC** = Molded Cage

HSLP	10	–	10	C1	B	1	I	HSLP10-10C1B1I
	MICRON RATING		CARTRIDGE LENGTH	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE GRADE	CARTRIDGE OPTIONS	