

Ink-Jet IKS

Dual Density Polypropylene for Ink-jet Inks

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Absolute-rated media** provides reliable, consistent and repeatable filtration results
- **Lower pressure drops**, which yield higher flow rates and reduced processing time
- **100% polypropylene construction** offers a wide range of chemical compatibility
- **Graded pore density pleat design** to optimize service life, fewer change outs and reduced operating costs per cartridge

PRODUCT DESCRIPTION

Strainrite's **Ink-Jet Select IKS** filter is another example of Strainrite's continued tradition of providing industry leading filtration solutions. Ink-Jet Select filters feature a graded pore density to maximize filter life and performance. IKS filters incorporate our proprietary melt blown, micro- and nano-fiber technology to achieve industry leading performance for both pigment and dye based ink-jet inks.

The **Ink-Jet Select** filters are manufactured without binders or resins, in our class 10,000 clean room resulting in an extremely clean non-fiber shedding filter. Due to our utilization of the unique graded pore density depth media this element is outstanding for removing gels, compared to traditional pleated polypropylene filters.



RETENTION RATING0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90 μm **OUTSIDE DIAMETER**

2.68" (6.81cm)

MAXIMUM DIFFERENTIAL PRESSUREForward: 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 Micro/Nano-fiber Composite

CAGE/CORE/ENDCAPS

Polypropylene

TOXICITY

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

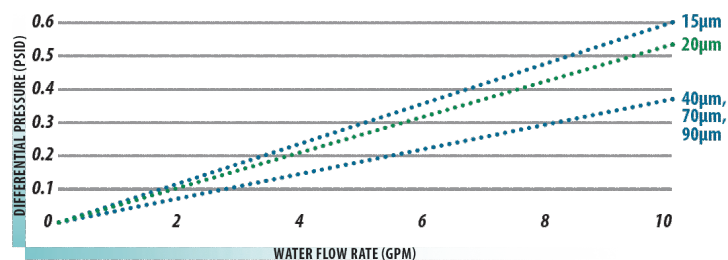
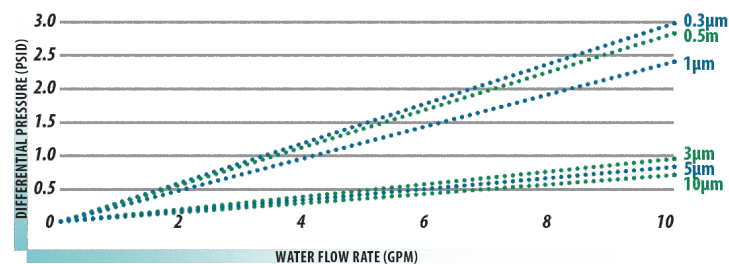
SEALSBuna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon |
FEP Encapsulated Silicone | PTFE Foam | PTFE Hard**PACKAGING ECONOMY**

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)

PERFORMANCE CHARACTERISTICS**ORDER OPTIONS**

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RING	GRADE
IKS Ink-Jet IKS	0.3 μm 0.5 μm 1 μm 3 μm 5 μm 10 μm 15 μm 20 μm 40 μm 70 μm 90 μm	5" 10" 20" 30" 40"	PP Polypropylene	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	I 316 SS Insert

