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 RATING
0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90 µm

OUTSIDE DIAMETER
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 Micro/Nano-fiber 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

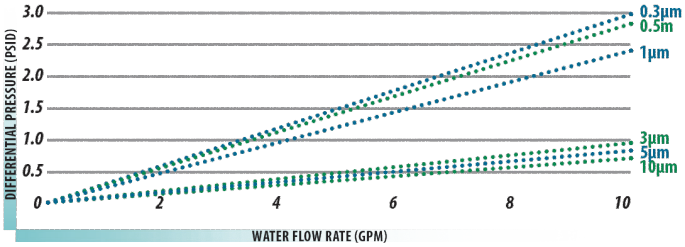
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

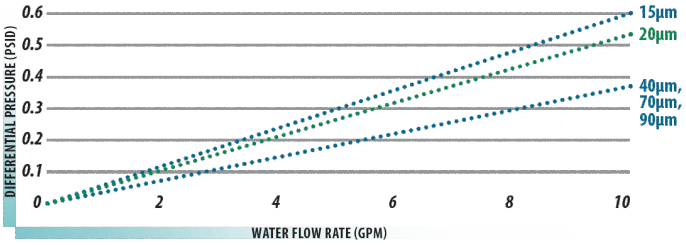
LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RING	OPTIONS
IKS I Ink-Jet IKS	0.3µm 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

IKS → 0.3 (MICRON RATING) – 10 (CARTRIDGE LENGTH) → PP (PLEAT SUPPORT) → C1 (END CAP CONFIGURATION) → S (GASKET/O-RING MATERIALS) → I (OPTIONS) → **IKS0.3-10PPC1SI**