

# Ink-Jet IKS

Dual Density Polypropylene for Ink-jet Inks

- ▶ HIGH VISCOSITY INK-JET INKS
- ▶ GEL REMOVAL

- ▶ PIGMENT BASED INK-JET INKS
- ▶ DYE BASED INK-JET INKS



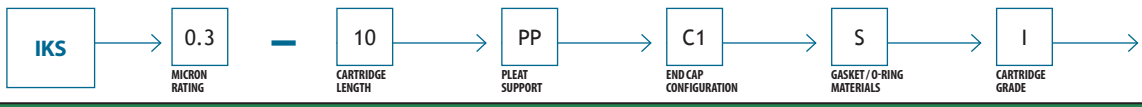
Strainrite's **Ink-Jet Select IKS** filter is another example of Strainrite's continued tradition of providing industry leading filtration solutions. **Ink-Jet Select** filters feature a graded pore density to maximize filter life and performance. IKS filters incorporate our proprietary melt blown, micro- 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.

- ▶ **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**

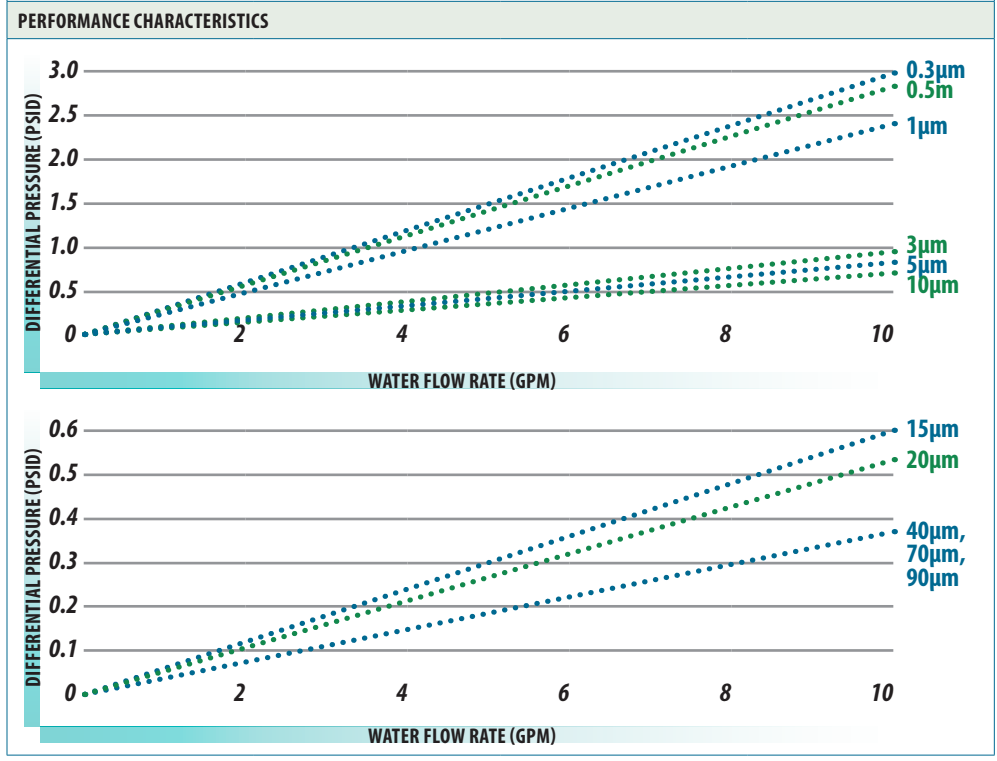


# ORDER GUIDE



**IKS0.3-10PPC1SI**

RETENTION RATING			
0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90			
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			
All components meet all relevant USP XXII Class VI test for biological safety and FDA requirements for contact with food and beverage per 21CFR177.1520			
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			
FILTER MEDIA	END CAPS	PLEAT SUPPORT MATERIAL	CAGE/CORE
Polypropylene Micro/Nano-fiber Composite	Polypropylene	Polypropylene	Polypropylene
SEALS			
Buna N   Fluorocarbon   EPDM   Silicone   FEP Encapsulated Fluorocarbon   FEP Encapsulated Silicone   PTFE Foam   PTFE Hard			
CONSTRUCTION METHOD			
Thermal Bond			
OUTSIDE DIAMETER			
2.68" (6.81cm)			
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)			
EFFICIENCY			
IKS0.3 — BETA100 @ 0.3µm IKS0.5 — BETA100 @ 0.5µm IKS1 — BETA100 @ 1µm IKS3 — BETA100 @ 3µm	IKS5 — BETA100 @ 5µm IKS10 — BETA100 @ 10µm IKS15 — BETA100 @ 15µm	IKS20 — BETA100 @ 20µm IKS40 — BETA100 @ 40µm IKS70 — BETA100 @ 70µm IKS90 — BETA100 @ 90µm	



## ORDER OPTIONS

CARTRIDGE	
IKS	Ink-Jet Select IKS
MICRON RATINGS	
0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90	
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
PLEAT SUPPORT	
PP	Polypropylene
END CAP CONFIGURATIONS	
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
GASKET / O-RING MATERIAL	
S	Silicone
B	Buna N
V	Fluorocarbon
E	EPDM
TF	PTFE Foam
TH	PTFE Hard
TV	Encapsulated Fluorocarbon
TS	Encapsulated Silicone
CARTRIDGE GRADE	
I	316 SS Insert