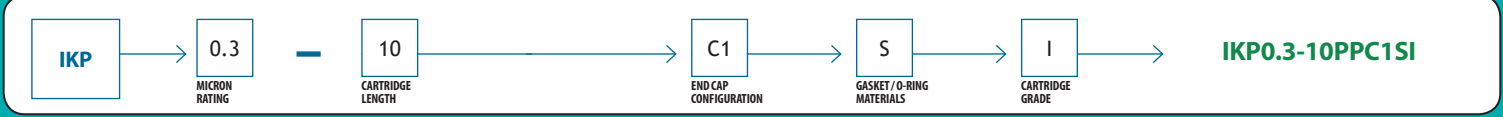


Ink-Jet IKP

Polypropylene for Ink-jet Inks

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

ORDER GUIDE



Strainrite's **Ink-Jet IKP** filter is another example of Strainrite's continued tradition of providing industry leading filtration solutions. IKP filters offer more surface area and less depth than the dual-density IKS filters to achieve industry leading performance as a final filter for pigment and dye based inkjet inks.

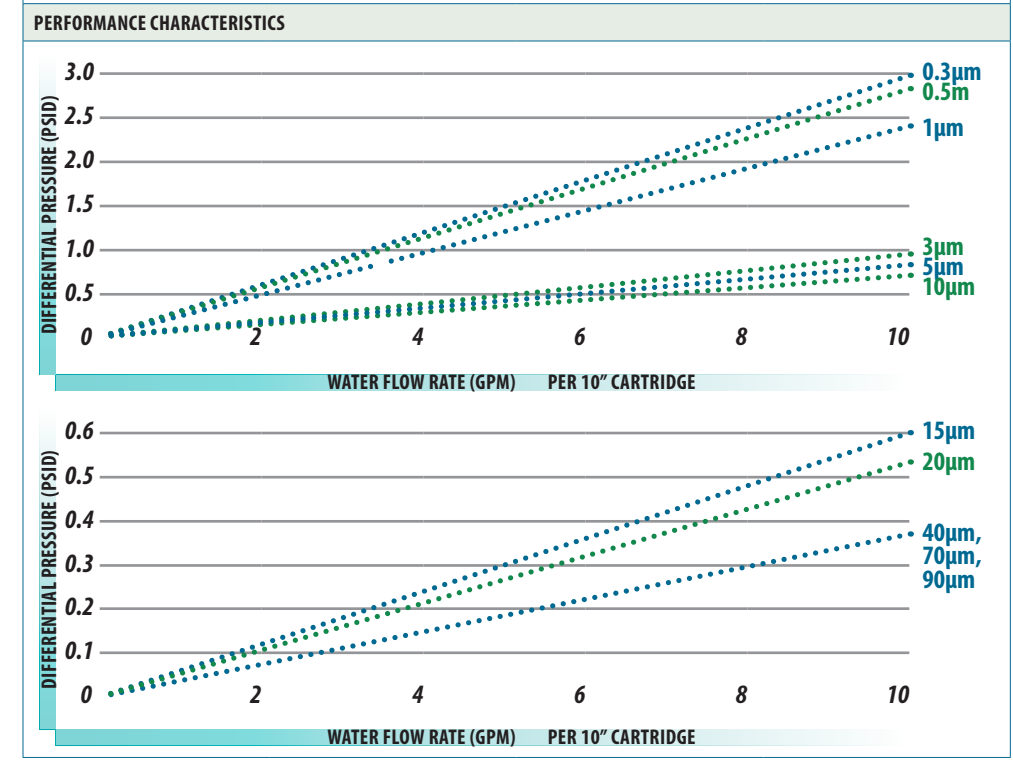
The **Ink-Jet IKP** filters are manufactured without binders or resins, in our class 10,000 clean room resulting in an extremely clean non-fiber shedding filter.



- ▶ **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**
- ▶ **THERMALLY BONDED CONSTRUCTION ENSURES A CLEANER FILTRATE WHILE MINIMIZING EXTRACTABLES**

NEED A VESSEL FOR YOUR CARTRIDGES?
 For the Ink-Jet IKP, the following vessel types are most commonly used:
 SRC—PAGE 128
 As always, discuss your options with your local sales representative to find the best fit for your application.

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	CAGE/CORE
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		
IKP0.3 — BETA100 @ 0.3µm IKP0.5 — BETA100 @ 0.5µm IKP1 — BETA100 @ 1µm IKP3 — BETA100 @ 3µm	IKP5 — BETA100 @ 5µm IKP10 — BETA100 @ 10µm IKP15 — BETA100 @ 15µm	IKP20 — BETA100 @ 20µm IKP40 — BETA100 @ 40µm IKP70 — BETA100 @ 70µm IKP90 — BETA100 @ 90µm



ORDER OPTIONS

CARTRIDGE	
IKP	Ink-Jet IKP
MICRON RATINGS	
0.3, 0.5, 1, 3, 5, 10, 15, 20, 40, 70, 90	
CARTRIDGE LENGTH	
5, 10, 20, 30, 40	
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 OPTIONS	
I	316 SS Insert
APH	All Polyester Hardware