Ink-Jet IKP

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
- **Thermally bonded construction** ensures a cleaner filtrate while minimizing extractables



PRODUCT DESCRIPTION

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.

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

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

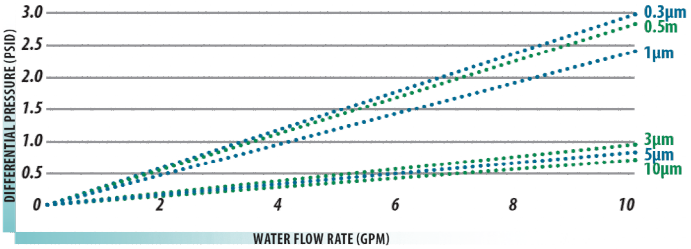
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

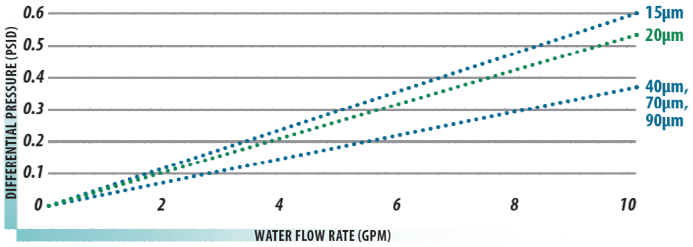
LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RINGGRADE	OPTIONS
IKP I Ink-Jet IKP	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

IKP	0.3	–	10	PP	C1	S	I	IKP0.3-10PPC1SI
	MICRON RATING		CARTRIDGE LENGTH	PLEAT SUPPORT	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	OPTIONS	