

Ink-Jet IKP

Polypropylene for Ink-jet Inks

▪ Dye Based Ink-jet Inks

▪ Pigment Based Ink-jet Inks

▪ High Viscosity Ink-jet Inks

The 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.

Features & Benefits

Ink-Jet IKP

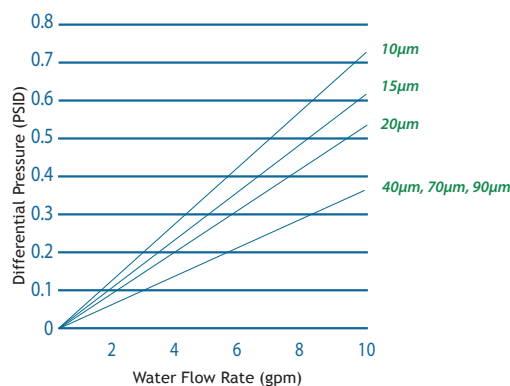
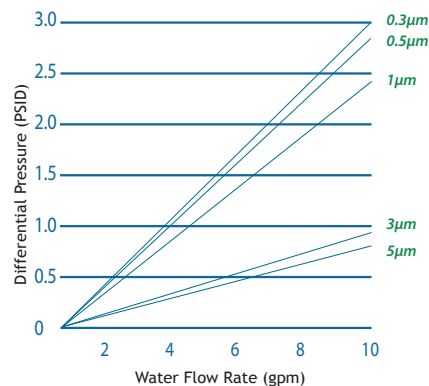
- Absolute-rated media provides reliable, consistent and repeatable filtration results
- Lower pressure drops, which yield higher flow rates and reduced processing time
- 100% Polypropylene construction offers a wide range of chemical compatibility
- Thermally bonded construction ensures a cleaner filtrate while minimizing extractables

IKP Efficiency

Cartridge	Beta 100
IKP 0.3	0.3 μ m
IKP 0.5	0.5 μ m
IKP 1.0	1.0 μ m
IKP 3	3.0 μ m
IKP 5	5.0 μ m
IKP 10	10.0 μ m
IKP 15	15.0 μ m
IKP 20	20.0 μ m
IKP 40	40.0 μ m
IKP 70	70.0 μ m
IKP 90	90.0 μ m



Performance Characteristics



Specifications

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

Materials of Construction

Filter Media

Polypropylene

End Caps

Polypropylene

Pleat Support Material

Polypropylene

Cage/Core

Polypropylene

Seals

Buna N
Fluorocarbon
EPDM
Silicone
PTFE
FEP Encapsulated Fluorocarbon
FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

Ink-Jet IKP

Outside Diameter

2.68" (6.81cm)

Lengths

5" (12.7cm)
10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Ordering Information

