

# Ink-Jet IKG

## Microglass for Ink-jet Inks

▪ Gel Removal

▪ Dye Based Inkjet Inks

▪ Pigment Based Inkjet Inks

▪ High Viscosity Inkjet Inks

The **Ink-Jet IKG** filter is another example of Strainrite's continued tradition of providing industry leading filtration solutions.

The **Ink-Jet IKG** 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.

## Features & Benefits

### Ink-Jet IKG

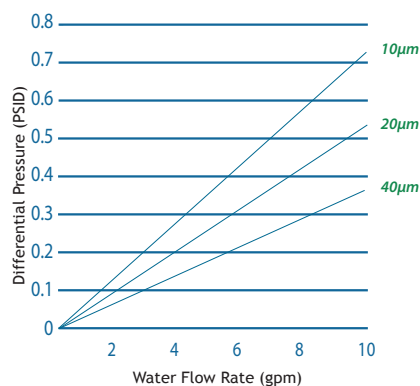
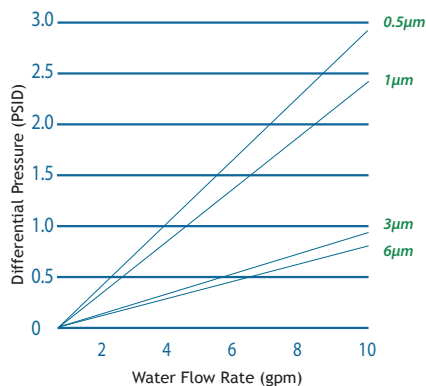
- Absolute-rated media provides reliable, consistent and repeatable filtration results
- Lower pressure drops, which yield higher flow rates and reduced processing time
- Thermally bonded construction ensures a cleaner filtrate while minimizing extractables

### IKG Efficiency

Cartridge	Beta 100
IKG 0.5	0.5 $\mu$ m
IKG 1.0	1.0 $\mu$ m
IKG 3	3.0 $\mu$ m
IKG 6	6.0 $\mu$ m
IKG 10	10.0 $\mu$ m
IKG 20	20.0 $\mu$ m
IKG 40	40.0 $\mu$ m



## Performance Characteristics



## Specifications

### Retention Rating

0.5, 1, 3, 6, 10, 20, 40

### 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 Polypropylene  
275°F (135°C) Continuous Duty Polyester

### 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

Borosilicate Microglass

### End Caps

Polypropylene  
Polyester

### Pleat Support Material

Polypropylene  
Polyester

### Cage/Core

Polypropylene  
Polyester

### Seals

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

### Sealing

Thermal Bond

## Dimensions

### Ink-Jet IKG

#### Outside Diameter

2.68" (6.81cm)

#### Lengths

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

## Ordering Information

