Ink-Jet IKG

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

PRODUCT DESCRIPTION

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 assembled 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.

RETENTION RATING
0.5, 1, 3, 6, 10, 20, 40 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
275°F (135°C) Continuous Duty Polyester

PLEAT SUPPORT MATERIAL
Polypropylene | Polyester

FILTER MEDIA
Borosilicate Microglass

CAGE/CORE/ENDCAPS
Polypropylene | Polyester

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

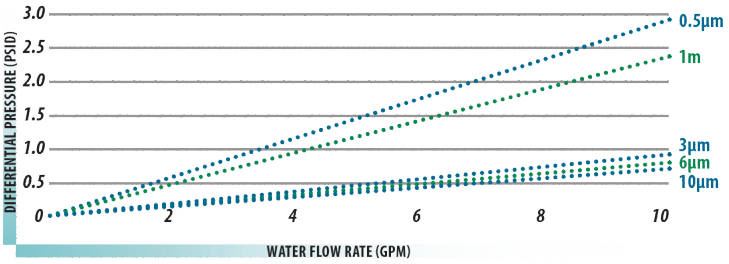
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

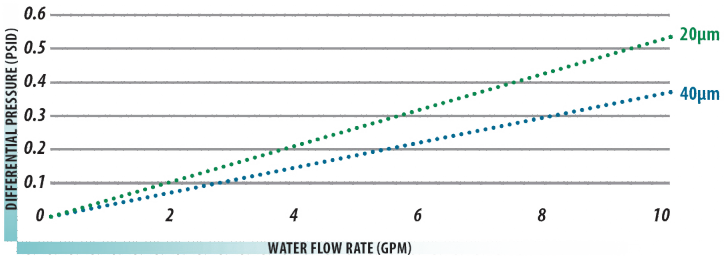
LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

v 1025

PERFORMANCE CHARACHTERISTICS





ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RINGGRADE	GRADE
IKG I Ink-Jet IKG	0.5 µm 1 µm 3 µm 6 µm 10 µm 20 µm 40 µm	5" 10" 20" 30" 40"	**PP** Polypropylene **PE** Polyester	**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 **APH** All Polyester Hardware

IKG	1	–	20	PP	C2	B	I	IKG1-20PPC2BI
	MICRON RATING		CARTRIDGE LENGTH	PLEAT SUPPORT	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	OPTIONS	