Inprinta Capsule Filters

The filter media is specifically designed for the requirements of digital and solvent inkjet printers. The high output rate and a wide range of filter media materials are matched to the specific needs of digital and solvent inkjet print heads. Inprinta capsule filters can be used in any digital printer configuration, including inkjet, ink-jet and roll-to-roll systems. All capsule filters are available for standard solvent and UV ink systems.

Capsule filters are pressure rated to guarantee capsule integrity.

- All housing is high-grade Polypropylene.
- An integrated in-line valve gives added security.
- Operating temperature from 0°C to 50°C (32°F to 122°F).
- Valve of filter housing pressure.
- Optional filter materials.

Features and Benefits

- Excellent particle retention.
- Low pressure drop.
- Large active filter area.
- UV and solvent ink compatible.
- Multiple connectors.
- High throughput.
- Optional filter materials.
- 6 bar (87 psi) operating pressure.
- Operating temperature from 0°C to 50°C (32°F to 122°F).
- An integrated Vyon® core gives added security.

Inprinta capsule filters are self-contained, ready-to-use, disposable devices. The capsule body is constructed with an opaque black or natural finish housing, and available with a wide range of connector configurations to suit different systems. An opaque filter will provide consistent, stable printing performance with maximised print head protection.

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- Large active filter area.
- UV and solvent ink compatible.
- Multiple connectors.
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- 6 bar (87 psi) operating pressure.
- Operating temperature from 0°C to 50°C (32°F to 122°F).

Microjet

Filter cartridge .
Full cross section.

Filter Efficiency

- Capsule filters from various efficiencies from 0.5µm to 60µm.
- All filters validated to CEU F2 filter pass test to limits 3000 (3.9 µm) efficiency.
- Manufactured for high service life.

Filter Media

- Filter units are bubble tested for verified filter integrity.
- Pressure validation
- Maximum operating pressure
- OTM (plus connectors)

Testing

Filter units are bubble tested for verified optimum micron rating.

Filter Integrity

- Filter media for high service life.

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Filter Integrity

- Filter media for high service life.
**Inkjet Capsule Filters**

**Microjet**

- Micron Ratings: 0500, 10µm, 1000, 5µm
- Housings: N (Opaque black), C (Natural)
- Connectors: ¼" barb, ¼" NPT (male), 6mm Jaco® 90°
- Filter Media: Klearfil™ 5, Polyfil™

**Microcap**

- Micron Ratings: 0050, 1µm, 0100, 0300, 0500, 1000, 0.5µm, 3µm, 5µm, 10µm
- Housings: N (Opaque black), C (Natural)
- Connectors: ¼" Jaco® 6mm Jaco® 90°
- Filter Media: Klearfil™ 5, Polyfil™

**Microprint**

- Micron Ratings: 0050, 1µm, 0100, 0300, 0500, 1000, 0.5µm, 3µm, 5µm, 10µm
- Housings: N (Opaque black), C (Natural)
- Connectors: FF, ¼" Jaco® 6mm Jaco®
- Filter Media: Klearfil™ 5, Polyfil™