

Microcap™ I

Main System Capsule Filters



The main system filter is specifically designed for the requirement of wide and superwide format graphics printers.

The inkjet specific self contained unit is designed around an all-polypropylene construction, with no binding agents, to give low extractables and ensure 100% compatibility with inkjet fluids.

Available in natural or opaque black filter housing. This filter has the flexibility of being supplied without standard connectors, allowing the user to add individual connectors or fit directly to the ink line.

Polyfil™ and Klearfil™ Filter Media

Our Polyfil™ media benefits from a high pleat construction and a large surface area which offers a high flow rate and a minimal pressure drop, with focused spectrum particle removal properties.

Our Klearfil™ media has 8 graded filtration layers allowing for wide spectrum particle removal, gel retention and a high dirt holding capacity. The deep filter pack also demonstrates minimum distortion under pressure and a long service life

Typical Applications

- Inkjet

Specifications

Filter Code

8113

Materials of Manufacture

Filter media: Polypropylene
Housing material: Polypropylene
Housing colour: Opaque black and natural

Micron Rating

0.5µm, 1µm, 3µm, 5µm, 10µm, 20µm, 40µm, 60µm, 90µm, 105µm.

(additional ratings are available on request).

Dimensions

Filter diameter: 70 mm (2.76")
Filter height: 52 mm (2.05")

Filter Area

500cm² (77.5in²)

Maximum Operating Pressure

6bar (87psi)

Operating Temperature

From 0°C to 50°C (32°F to 122°F)

Ordering Information

Product Code: 8113 - [Table 1](#) - [Table 2](#) - [Table 3](#) - [Table 4](#)

Table 1	Micron Ratings	Table 2	Filter Media
0050	0.5µm	1	Polyfil™
0100	1µm	5	Klearfil™
Table 3	Connectors		
0300	3µm	AA	1/4" barb
0500	5µm	CC	1/2" barb
1000	10µm	DD	1/4" NPT (male)
2000	20µm	EE	3/8" NPT Female
4000	40µm	FF	1/4" QRC
6000	60µm	Table 4	Housings
9000	90µm	N	Non UV
15000	150µm	C	UV Compatible