

Microcap™ Plus

Main System Capsule Filters



The Microcap™ + is a large capsule filter for inkjet systems with high throughput. The Microcap+™ is available in various sizes and contains up to 100% more filter media than our standard Microcap™ capsule filters, whilst still retaining a compact housing design. Suitable for use for solvent, water-based, or UV inks. Can be used as a damper to prevent pump pulsing.

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.

Ordering Information

Product Code: 8165- [Table 1](#) - [Table 2](#) - [Table 3](#) - [GG](#) - [Table 4](#) - [Table 5](#)

Table 1 Micron Ratings

0050	0.5µm
0100	1µm
0300	3µm
0500	5µm
1000	10µm
2000	20µm
4000	40µm
6000	60µm

Table 2 Pack Size

1	350cm ²
2	430cm ²
3	550cm ²
4	725cm ²
5	1000cm ²

Table 3 Filter Media

1	Polyfil™
5	Klearfil™

Table 4 Compression Nut

1	1/4" Jaco® 90°
2	6mm Jaco® 90°

Table 5 Housing

N	Natural
C	Opaque black

Typical Applications

- Inkjet

Specifications

Filter Code

8165

Materials of Manufacture

Filter media: Polypropylene
Housing material: Polypropylene

Micron Rating

0.5, 1, 3, 5, 10, 20, 40µm

Dimensions

Filter length: 95mm (3.74") (plus connectors)
Filter width: 55mm (2.17")

Filter Area

350 - 1000 cm² (54.25-155 in²)

Connectors

1/4" and 6mm Jaco® 90° elbow connector

Maximum Operating Pressure

6bar (87psi)

Operating Temperature

From 0°C to 50°C (32°F to 122°F)