

# 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 <sup>2</sup>
2	430cm <sup>2</sup>
3	550cm <sup>2</sup>
4	725cm <sup>2</sup>
5	1000cm <sup>2</sup>

Table 3	Filter Media
1	Polyfil™
5	Klearfil™

Table 4	Compression Nut
1	¼" 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 cm<sup>2</sup> (54.25-155 in<sup>2</sup>)

#### Connectors

¼" and 6mm Jaco® 90° elbow connector

#### Maximum Operating Pressure

6bar (87psi)

#### Operating Temperature

From 0°C to 50°C (32°F to 122°F)