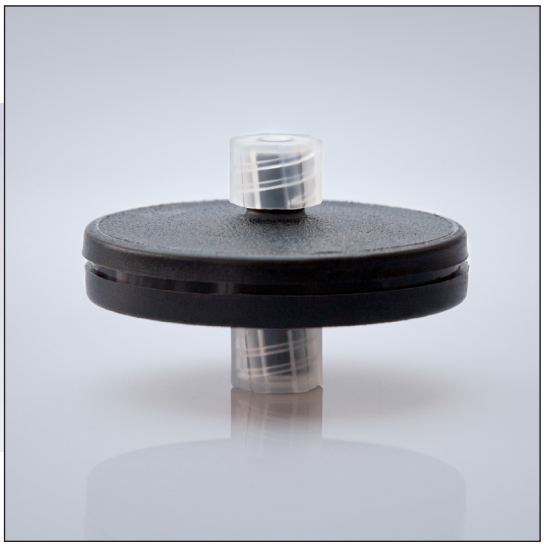
porvair filtration group

Microdisc™ 4PS

45mm Polymeric Standard Disc Filters



A filter of superior quality and design, the 45mm in-line disc filter is manufactured to the highest specifications for the super-wide format graphics market.

Ultrasonically welded with no binding agents for low extractables, the filter ensures complete compatibility with inkjet solvents. The inner mesh ensures precise filter specification to the required absolute micron rating.

Ordering Information

Product Code: 8111 - Table 1 - Table 2 - Table 3 Table 4

Table 1	Connectors
33	Luer
11	CPC

Table 2	Micron Ratings
0005	5µm
0010	10µm
0020	20µm
0050	50µm

**Other micron ratings available, up to 250 micron.*

Table 3	Material
B	Mesh ST/ST
C	Metal Fibre
D	Polymeric

Table 4	Housings
22	White
23	Black

Typical Applications

- Inkjet

Specifications

Filter Code
8111

Materials of Manufacture
Filter media: ST/ST Mesh, Fibre & Polymeric
Housing material: Acetal
Housing colour: White or black

Micron Rating
5µm, 10µm, 20µm, 50µm

Dimensions
Disc diameter: 45mm (1.77")
Disc width: 9mm (0.35")
Overall width: Connector dependant

Filter Area
12.5cm^2 (1.94in^2)

Connectors
Luer and CPC

Maximum Operating Pressure
5bar (72.5psi)

Operating Temperature
From 0°C to 50°C (32°F to 122°F)

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