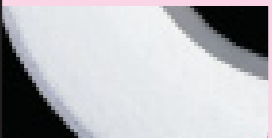
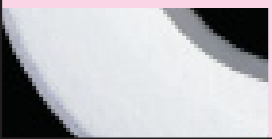



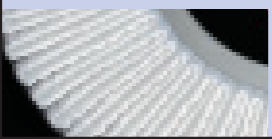
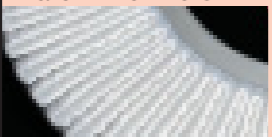



Filtration Products for Ink Jet Ink Formulation

Filter Type	Family	Removal Efficiency	Key Applications	Key Benefits	Reference Literature
Depth	Profile II® filters 	0.3 µm ➔ 120 µm	<ul style="list-style-type: none"> Final filtration of TIJ* pigmented inks Prefiltration (most ink types) 	<ul style="list-style-type: none"> High-efficiency media structure with sharp particle size cut-off facilitates dispersion classification. Continuously tapered pore construction ensures long service life. 	IJ1770
	Nexis® A filters 	0.5 µm ➔ 120 µm	<ul style="list-style-type: none"> General prefiltration (most ink types) 	<ul style="list-style-type: none"> Proprietary technology incorporates large-diameter fibers to strengthen the filter and aid in the resistance of contaminant unloading. Multizone-graded pore structure provides excellent flow capacity and long service life. 	IJ1788
Hybrid	Profile® Star filters 	1.0 µm ➔ 90 µm	<ul style="list-style-type: none"> Pigmented UV curable and solvent-based inks for digital printing Solvent-based CIJ** inks 	<ul style="list-style-type: none"> Thick media structure ensures excellent gel capture and retention. Steep efficiency curve enables effective removal of oversized contaminant without colorant stripping. 	IJ1769A
	Poly-Fine® XLD filters 	1.5 µm ➔ 90 µm	<ul style="list-style-type: none"> Pigmented UV curable and solvent-based inks for digital printing Prefiltration applications (most ink types) 	<ul style="list-style-type: none"> Unique pleated-depth hybrid filter media provides exceptional dirt holding capacity and good flow rates. Optimized multilayer media structure facilitates fine dispersion classification. 	IJ1786
Pleated Microfiber	Ultipor GF Plus® filters  	0.1 µm ➔ 40 µm	<ul style="list-style-type: none"> Submicron filtration of most pigmented inks Aggressive solvent and oil-based inks Hot melt ink jet inks 	<ul style="list-style-type: none"> Submicron media can filter pigmented inks to very fine efficiency levels. Resin-bonded inorganic fiber construction offers excellent chemical compatibility with a wide range of ink chemistries. 	Various literature is available at www.pall.com
Pleated Membrane	Water-Fine filters 	0.1 µm ➔ 1.2 µm	<ul style="list-style-type: none"> Final filtration for dye-based TIJ inks 	<ul style="list-style-type: none"> Highly asymmetric polysulfone membrane incorporates a prefiltration zone that provides excellent flow rates and dirt holding capacity. Hydrophilic filter media does not require prewetting. 	IJ1787
	Ultipor® N66 filters 	0.1 µm ➔ 0.65 µm	<ul style="list-style-type: none"> Final filtration for dye-based TIJ inks Final filtration for solvent-based CIJ inks 	<ul style="list-style-type: none"> Fixed-pore isotropic media produces outstanding quality ink. High-area pleated design ensures long service life. 	Various literature is available at www.pall.com