

Inks, Paints, & Specialty Coatings

Reference guide for filtration products



In the manufacturing process of inks, paints, and specialty coatings, there are high viscosity mixtures of resins, solvents, and pigments used for their production processes. These items must be properly blended and mixed to produce high quality products.

Filtration is crucial to remove gels, agglomerates and other contaminants to yield the desired properties of the ink, paint, or specialty coating. The filters must not impact adhesion, color, grind specification or dispersion. The filtration process needs to “classify” removal of the unwanted particles, while leaving the desirable elements.

Parker’s line of specially designed filters perform these functions with no silicone or other materials that can adversely affect adhesion of end products. Parker supplies the industrial inks, paints, and specialty coatings market with the best filtration solutions at the lowest process cost.

Manufacturers find Parker filters to be their top choice in maintaining pigment concentrations and color. The filters ensure grind standards are met, and unwanted contaminants are removed.

MELT BLOWN FILTERS

Avasan™
Polypropylene



DuraBond™
Polyolefin



MegaBond™ Nominal
Polypropylene

MegaBond™ Absolute
Polypropylene

PLEATED DEPTH FILTERS

Abso-Mate®
Polypropylene



Claripor™
Polypropylene

Poly-Mate™ X
Polypropylene



Polyflow®-G
Mini-capsules
Polypropylene

MEMBRANE FILTERS

Clariflow®
Polyethersulfone



LENTICULAR FILTERS

Depth-Clear Lenticulars
Cellulose media &
Polypropylene



FILTER VESSELS

EB Single Bag
Filter Vessel
304 & 316L Stainless Steel



EB Multi-Bag
Filter Vessel
304 Stainless Steel

EH Single Cartridge
Filter Vessel
304 & 316 Stainless Steel



EH Multi-Cartridge
Filter Vessel
304 & 316L Stainless Steel



ENGINEERING YOUR SUCCESS.

Product line	Materials	Filter ratings (microns)	Available Housings	Typical applications
MELT BLOWN FILTERS				
Avasan™	Polypropylene	1 to 75	Yes	• Deionized water process; R.O. pre-filtration
DuraBond™	Bonded Polyolefin	1 to 100	Yes	• Industrial coatings, & manufacturing process
MegaBond™ Nominal	Melt-blown polypropylene	1 to 75	Yes	• Industrial coatings, resin, & manufacturing process applications
MegaBond™ Absolute	Melt-Blown Polypropylene (Absolute-Rated)	0.5 to 100	Yes	• High-tech optical coating, resin, & manufacturing process applications
PLEATED DEPTH FILTERS				
Abso-Mate®	Polypropylene	0.2 to 70	Yes	• Resin, & manufacturing process, Application process; resins and emulsions, plasticizers, inks and paints
Claripor™	Polypropylene	0.5 to 90	Yes	• Manufacturing process; high-tech optical coatings
Poly-Mate™ X	Polypropylene	0.5 to 60	Yes	• Deionized water process, Additives & raw materials; Water point-of-use, High-tech coatings, Photographic chemicals
Polyflow® -G Mini-Capsule	Polypropylene	0.6 to 10	N/A	• Manufacturing Process; Small batch ink operations requiring low hold-up volume
MEMBRANE FILTERS				
Clariflow®	Polyethersulfone (PES) / Polypropylene supports	0.02 to 0.85	Yes	• Deionization water process, Additives & raw materials, Application Process; inks final filtration
LENTICULAR FILTERS				
Depth-Clear	Cellulose media & Polypropylene	0.15 to 20	Yes	• Resin, & manufacturing process, Application process; resins and emulsions, plasticizers, inks and paints



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Bioscience & Water Filtration Division

GL_IP_IPC Linecard Rev. A

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