

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.

DEPTH MEDIA FILTERS

Melt Blown Filters

Avasan™
Polypropylene



Fulflo® DuraBond™
Polyolefin

Fulflo® EcoBond™
Polypropylene

Fulflo® MegaBond Plus™
Polypropylene



Resin Bonded Filters

Fulflo® ProBond™
Phenolic Resin/Acrylic fiber

String Wound Filters

Fulflo® Honeycomb
Various media



PLEATED FILTERS

Abso-Mate®
Polypropylene



Claripor™
Polypropylene

Glass-Mate™
Microfiber Glass



Fulflo® Poly-Mate™
Polypropylene

Fulflo® Poly-Mate™ Plus
Polypropylene

LARGE DIAMETER PLEATED FILTERS

Fulflo® ParMax™
Glass media or polypropylene



Fulflo® ParMax™ Select
Polypropylene pleated depth media & microfiberglass media

METALLIC FILTERS

Fulflo® Metallic
Pleated & Cylindrical
304 SS & 316 SS



ENCAPSULATED FILTERS

Polyflow®-G
Mini-capsules
Polypropylene



MEMBRANE FILTERS

Evadur™
Polyethersulfone



BAG FILTERS

Fulflo® Filter Bags
Various materials



Fulflo® Pleated Bags
Polypropylene & glass media - various cartridge configurations



Fulflo® Stainless Steel Basket Strainers
316 Stainless Steel



Fulflo® XLH
(High efficiency bags)
Polypropylene

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FILTER VESSELS

BAG FILTER VESSELS

Fulflo® CB
Carbon & 304 stainless

Fulflo® SB
304 & 316L stainless

Fulflo® FB
Carbon 304 & 316L stainless

SINGLE CARTRIDGE VESSELS

Fulflo® 4.5 C
Carbon, 316 stainless

Fulflo® B
Carbon steel

Fulflo® BSSB
316 stainless

Fulflo® M
316 stainless

Fulflo® SSTC
316 stainless

MULTI-CARTRIDGE VESSELS

Fulflo® CH
Carbon steel, 304 stainless

Fulflo® FE
Carbon steel, 304L & 316L stainless

Fulflo® HT
Carbon steel

Fulflo® MP
304L & 316L stainless

Fulflo® P
Carbon steel

Fulflo® ParMax
Carbon steel, 304L & 316L stainless

Fulflo® S
Carbon steel, 304 & 316L stainless

Fulflo® SF
Carbon steel, 304 & 316L stainless

Fulflo® WH
304 & 316L stainless



- Single and multi-bag housings
- Available in 304 or 316 SS
- GMP Industrial design with ASME coded options
- Vessels available as standard or custom design



- Single & multi-cartridge housings
- Available in 304 or 316 SS
- GMP Industrial design with coded options (ASME, PED-CE)
- Vessels available as standard or custom design



Product line	Materials	Filter ratings (microns)	Available Housings	Typical applications
DEPTH MEDIA				
Melt blown filters				
Avasan™	Polypropylene	1 to 75	Yes	• Deionized water process; R.O. pre-filtration
Fulflo® DuraBond™	Bonded Polyolefin	1 to 100	Yes	• Industrial coatings, & manufacturing process
Fulflo® EcoBond™	Melt-blown polypropylene	1 to 50	Yes	• Industrial coatings, resin, & manufacturing process applications
Fulflo® MegaBond Plus™	Melt-Blown Polypropylene (Absolute-Rated)	1 to 120	Yes	• High-tech optical coating, resin, & manufacturing process applications
Wound depth filters				
Fulflo® Honeycomb HFT	Multiple	1 to 150	Yes	• Deionized water process; R.O. pre-filtration; Additives & raw materials
Resin bonded filters				
Fulflo® ProBond™	Resin bonded Phenolic/ acrylic fiber	2 to 150	Yes	• Resin, & manufacturing process applications • Inks and paints • Viscous fluids - adhesives, resins, emulsions, and plasticizers
PLEATED 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
Glass-Mate™	Microfiber Glass	0.2 to 40	Yes	• Resin, & Manufacturing process, Application process; High temperature, resins and emulsions, plasticizers, inks and paints
Fulflo® Poly-Mate™	Polypropylene	0.5 to 60	Yes	• Deionized water process, Additives & raw materials; Water point-of-use, High-tech coatings, Photographic chemicals
Fulflo® Poly-Mate™ Plus	Polypropylene	0.25 to 100	Yes	• High-tech coatings; Deionized water process; Additives & raw materials process applications • Photographic chemicals
LARGE DIAMETER PLEATED FILTERS				
Fulflo® ParMax™ Fulflo® ParMax™ Select	Polypropylene & microfiberglass	1 to 90	Yes	• Deionized water process • Additives & raw materials
FILTER BAGS				
Fulflo® Basket Strainer	316SS	20 to 100 mesh	Yes	• Resin Process; Clarification at high pressure, temperature, or with high-viscosity fluids
Fulflo® Filter Bag	Multiple	1 to 800	Yes	• Inks, paints, and specialty coatings • Resin process
Fulflo® Pleated Bag Filter	Multiple	1 to 90	Yes	
Fulflo® XLH	Polypropylene	0.5 to 25	Yes	
METALLIC MEDIA				
Fulflo® Metallic	304SS or 316SS	2 to 840	Yes	• Manufacturing, & application process; High temperature liquids and steam
ENCAPSULATED FILTERS				
Polyflow®-G Mini-Capsule	Polypropylene	0.6 to 10	N/A	• Manufacturing Process; Small batch ink operations requiring low hold-up volume
MEMBRANE FILTERS				
Evadur™	Polyethersulfone (PES) / Polypropylene supports	0.03 to 0.65	Yes	• Deionization water process, Additives & raw materials, Application Process; inks final filtration

Worldwide Filtration Manufacturing Locations

North America

**Compressed Air Treatment
Filtration & Separation/Balston**
Haverhill, MA
978 858 0505
www.parker.com/balston

**Finite Airtek Filtration
Airtek/dornick hunter/Zander**
Lancaster, NY
716 686 6400
www.parker.com/faf

Finite Airtek Filtration/Finite
Oxford, MI
248 628 6400
www.parker.com/finitefilter

**Engine Filtration &
Water Purification
Racor**
Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

Beaufort, SC
843 846 3200
www.parker.com/racor

Racor – Village Marine Tec.
Gardena, CA
310 516 9911
desalination.parker.com

Parker Sea Recovery
Carson, CA
310 637 3400
www.searecovery.com

**Hydraulic Filtration
Hydraulic Filter**
Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

**Process Filtration
dornick hunter Process Filtration**
Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Madison, WI
608 824 0500
www.scilog.com

Phoenixville, PA
610 933 1600
www.parker.com/processfiltration

**Aerospace Filtration
Velcon Filtration**
Colorado Springs, CO
719 531 5855
www.velcon.com

Europe

**Compressed Air Treatment
dornick hunter Filtration & Separation**
Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfn

Parker Gas Separations
Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfn

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www.parker.com/hzd

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**Engine Filtration &
Water Purification
Racor**
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www.parker.com/rfde

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Hydraulic Filter**
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Ujala, Finland
+358 20 753 2500
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Condition Monitoring Centre
Norfolk, England
+44 (0) 1842 763 299
www.parker.com/hfde

Parker Kittiwake
West Sussex, England
+44 (0) 1903 731 470
www.kittiwake.com

Parker Procal
Peterborough, England
+44 (0) 1733 232 495
www.kittiwake.com

**Process Filtration
dornick hunter Process Filtration**
Birtley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

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Zaandam, Netherlands
+31(0)75 655 50 00
www.twinfilter.com

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www.parker.com/australia

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+86 21 5031 2525
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