

APPLICATIONS

	ECOLINE	FLOWLINE	SIDELINE	TOPLINE	MAXILINE			POLYLINE	DUOLINE	MODULINE
					HD	HE	SE			
Coarse filtration >500 µm	■	■	■		■	■	■	■	■	■
Medium filtration >10 µm			■	■	■	■	■	■		
Fine filtration <10 µm				■	■	■	■			
Pre-filtration	■	■	■		■	■	■	■	■	■
Safety filtration			■	■	■	■	■		■	■
High volume					■	■	■			■
Batch filtration		■	■	■	■	■	■	■		
Circuit filtration			■	■	■	■	■	■	■	
Continuous filtration									■	
Solvents, Paints			■	■	■	■	■			
Fats and Oils			■	■	■	■	■		■	■
Catalyst, Activated Carbon				■						
Acids, Bases			■	■	■	■	■	■	■	
Petrochemicals			■	■	■	■	■		■	■
Water, Waste Water	■	■	■	■	■	■	■	■	■	■
Chemical Industry			■	■	■	■	■	■	■	■
Pharmaceuticals				■						
Metal Cleaning	■	■	■		■	■	■			■
Automotive				■	■	■	■			■
Electronics				■				■		
Food and Beverage			■	■						
Paint and Laquer			■	■	■	■	■		■	
Water Treatment	■	■	■	■	■	■	■	■	■	■
Galvanic Industry			■	■				■		



Automotive



Metal Parts
Washing



Resins, Polymers
Inks, Dispersions



Chemical
Industry



Petrochemicals



Water Treatment



Electronics
Semiconductor



Paint and
Lacquer



Galvanic Industry



Food and
Beverage



Pharmaceuticals



Environmental

APPLICATIONS

Typical Applications for Eaton High Performance Filter Bags

Automotive

Filtration of pretreatment bath, filtration of E-Coat, top-coat and clearcoat, primer, paint ring line filters, parts cleaning fluids, drawing compounds, lubricants, metal working fluids and pump intake filters.



Chemical

Catalyst recovery, removal of pipe scale, polishing of aqueous process fluids, alkalis, acids and solvents, filtration of emulsions and dispersions, gel removal from resins. Activated carbon or catalyst removal in the fine chemicals industry is a typical example of a demanding application in chemical processing. Eaton Filter Bags meet these application requirements for high filtration efficiency coupled with long service life and reliability.

Electronics

Wafer and chip processing, electronic etching baths, photo-chemical polishing and high-purity water filtration and prefiltration of various membrane filtration processes to improve their cost effectiveness. Eaton Filter Bags demonstrate the required purity, efficiency and consistent performance.



Food and Beverage

Polishing filtration of wine, spirits and beer, removal of particles from edible oils, removal of carbon black from cellulose, slime removal in gelatins, liquid sugar, thick juice, corn syrup polishing, starch processing, milk processing and soft drinks. Many Eaton Filter Bags conform to FDA and even EEC food processing standards and can meet the unique and varied demands of these applications.

Metal Working

Filtration of hydraulic oil, pretreatment system filtration, precious metal recovery, metal working fluids, and drawing compounds. Parts cleaning machines use our filter bags for minimizing residual dirt on parts.





Petrochemicals

Filtration of lube oils, fuel additives, enhanced oil recovery, filtration of amine solutions, filtration of glycol fluids, gas purification processes, distillation and cracking processes, amine washers, off-shore filter stations, oil drilling and injection fluids.



Paint and Lacquer

Removal of agglomerates, removal of paint coagulates, solvent filtration, removal of storage contaminants, filling lines, and paint mixing lines, monomer purification.

Pharmaceutical

Recovery of expensive active ingredients, catalyst recovery, active carbon purification and removal, filtration of gelatins, hormones, vitamin extracts, polishing of herbal mixtures, protein removal from plasma, filtration of saline solutions.



Resins, Plastics, Inks and Coatings

Oil and polymer filtration, dispersions, polymerization batches, resins for can coatings, plastics compounding, printing ink, plastics processing, paper coatings, high purity ink-jet fluid filtration.



Water Treatment

Well water filtration, water treatment plants, silt removal, pipe scale removal, sand and algae removal from sea water, ion exchange resin recovery, calcium deposit removal, filtration of chemicals used for water treatment, dust removal from cooling tower installations. Surface water filtration is an area traditionally dominated by cartridge filtration. Now, the high efficiency and long life of Eaton High Performance Filter Bags are a cost-effective alternative to expensive cartridges.