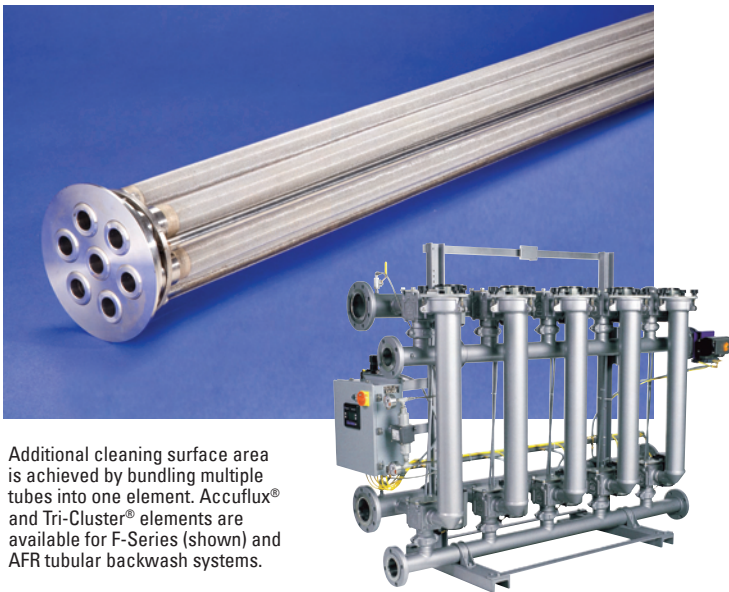


Cleanable Media

Matching media configuration, retention, and materials to your application is easy when selecting an Eaton tubular backwashing filtration system. Eaton offers media choices from compact configurations—that pack a large amount of surface area into a small amount of space—to simple strainer-type systems for removing larger contaminants.



Additional cleaning surface area is achieved by bundling multiple tubes into one element. Accuflux® and Tri-Cluster® elements are available for F-Series (shown) and AFR tubular backwash systems.

TUBULAR BACKWASHING MEDIA MATERIAL



Wire mesh: 1,650 – 2 microns

Woven screens made of 316 stainless steel with a 316 stainless steel backing for added strength. Provide maximum open area (for high flows), excellent contaminant release properties, and a long operating life.



Fabric: 230 – 1 microns

For the finest filtration applications, fabric media deliver reliable contaminant removal down to 1 micron. Fabric screens are supported by a 316 stainless steel backing and are chemically compatible with most process liquids.



Slotted: 1,600 – 25 microns

Made by winding a continuous triangular-shaped wire around a series of vertical support stringers, these media require no backing. Their inherent strength makes them ideal for reliable performance with abrasive slurries or fibrous materials.



Powering Business Worldwide

Tubular Backwashing Filter Media

Media	Particle Retention			Type						Percentage of Open Area	
	Mesh	Inches	Micron	Single	Tri-Cluster	Five-Cluster	Seven-Cluster	Accuflux 7	Accuflux 15		
WIRE MESH	10	0.065	1650	x	x	x				56%	
	20	0.035	890	x	x	x				46%	
	30	0.023	585	x	x	x	x		x	41%	
	40	0.015	380	x	x	x	x		x	36%	
	60	0.009	230	x	x	x	x		x	27%	
	80	0.007	180	x	x	x	x			32%	
	100	0.0055	140	x	x	x	x		x	30%	
	150	0.0046	115	x	x	x	x			37%	
	200	0.0033	84	x	x	x				33%	
	250	0.0024	60	x	x	x		x	x	36%	
	400	0.0018	45	x	x	x		x	x	36%	
	700	0.0012	30	x	x	x		x	x	25%	
	-	-	20						x	x	-
	-	-	10						x	x	-
-	-	5						x	x	-	
-	-	2						x	x	-	
SLOTTED WEDGE WIRE	10	0.063	1600	x	x	x				50%	
	15	0.045	1140	x	x	x				43%	
	20	0.035	890	x	x	x				36%	
	30	0.024	610	x	x	x	x	x		30%	
	40	0.015	380	x	x	x	x	x		20%	
	60	0.009	230	x	x	x	x	x		18%	
	80	0.007	180	x	x	x				15%	
	100	0.006	150	x	x	x	x	x		13%	
	120	0.005	125	x	x	x				11%	
	150	0.004	100	x	x	x				9%	
	200	0.003	75	x	x	x				7%	
	325	0.002	50	x	x	x				5%	
	-	0.001	25	x	x	x	x	x	x		3.2%
FABRIC MESH	60	0.009	230	x	x	x				Percentage of open area not applicable to fabric media.	
	80	0.007	180	x	x	x					
	100	0.0055	140	x	x	x					
	150	0.0046	115	x	x	x					
	250	0.0024	60	x	x	x					
	500	0.0016	40	x	x						
	-	-	25-30	x	x	x					
	-	-	15-20	x	x	x					
-	-	5-10	x	x	x						
-	-	1-3	x	x	x						



- **ACCUFLUX®** - The most efficient way to achieve a low flux rate is to increase active filter surface area. This has been achieved with Eaton's AccuFlux media elements featuring ultra-high surface area, clustered element designs, and new-age media materials. AccuFlux elements are available in configurations with 7 or 15 individual, replaceable filter tubes
- **TRI-CLUSTER®** - Three-tube 1 1/2" diameter media for 40% greater surface area than single element designs, with an economical initial investment
- **Additional Media Options** - Select from single tube to five-cluster or seven-cluster designs to meet your specific demands. All are available in wire mesh, fabric, and slotted wedge wire designs

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