

## USING DISPOSABLE FABRIC MEDIA



### Typical applications include:

**STRAINING** - Paints & varnishes

**FILTERING** - Chemicals, cutting and grinding fluids, oil

**PILOT TESTING** - Waste treatment, phosphating

Simply place the **ROLL-A-FILTER** on top of an open drum or recirculating tank and pour or route the liquid to be filtered into the filter tray. When the filter fabric accumulates enough solids, as indicated by the liquid pool, pull it forward, tear/cut it off and discard. The handles on the filter media support basket provide an easy and clean method of lifting and discarding the sludge laden media.

All units are made of heavy gauge steel, and are designed with integral clean catch basin with center discharge hole. Units conveniently install over sumps to eliminate frequent cleanout.

- Steel construction coated with chemically resistant, oven cured two-part epoxy paint.
- Heavy duty perforated steel filter media support basket with handles
- Rugged steel support frame and sloped bottom basin
- Safe tear bar / cutting guide
- Models RAF-2S & -3S conveniently fit standard 55 gallon drums

### TO ORDER

MODEL NUMBER	NOMINAL DIMENSIONS L x W x H	MEDIA WIDTH	FILTERING AREA	SHIPPING WEIGHT	PRICE CODE NO.
	Inches	Inches	Sq. Ft.	Lbs.	
RAF-2S	28 x 19 x 5	18	2-1/3	19	79-0278
RAF-3S	28 x 25 x 5	24	3-1/4	34	79-0279
RAF-4S	47 x 25 x 5	24	6	46	79-0280
RAF-5S	47 x 37 x 5	36	9	61	79-0281
RAF-6S	59 x 37 x 5	36	12	74	79-0282

For further purification or recycling efforts, coalescing filters to separate liquids (i.e. oil/water) are available. Consult Application Engineering Department.

Note: Flow capacities vary greatly depending on liquid and volume of solids.

### DISPOSABLE FABRIC MEDIA (Order separately)

	PART NUMBER	APPROXIMATE MICRON RATING	APPLICATION	FEET PER ROLL	PRICE CODE NUMBER		
					18"	24"	36"
POLY-ESTER	W105	105	Straining paint / Coarse filtration	150	49-0175-1	49-0176-1	49-0177-1
	W090	90	Fine straining / Paint filtration / Light oil	150	49-0178-1	49-0179-1	49-0180-1
RAYON	W080	80	Coarse filtration	150	49-0181	49-0182	49-0183
	W055	55	Coarse filtration	150	49-0184	49-0185	49-0186
	W040	40	Medium filtration	150	49-0187	49-0188	49-0189
	W025	25	Fine filtration	150	49-0190	49-0191	49-0192
	W010	10	Very fine filtration	75	49-0193	49-0194	49-0195
	W005	5	Ultra fine filtration	75	49-0240	49-0241	49-0242
	W001	1	Ultra fine filtration	75	49-0243	49-0244	49-0245
NYLON	N080	80	High temperature operation (to 400°F)	150	—	49-0196	—
	N040	40	Chemical applications (Fabrics have chemical resistance of nylon 6.6)	150	—	49-0197	—
	N010	5 - 10		75	—	49-0198	—

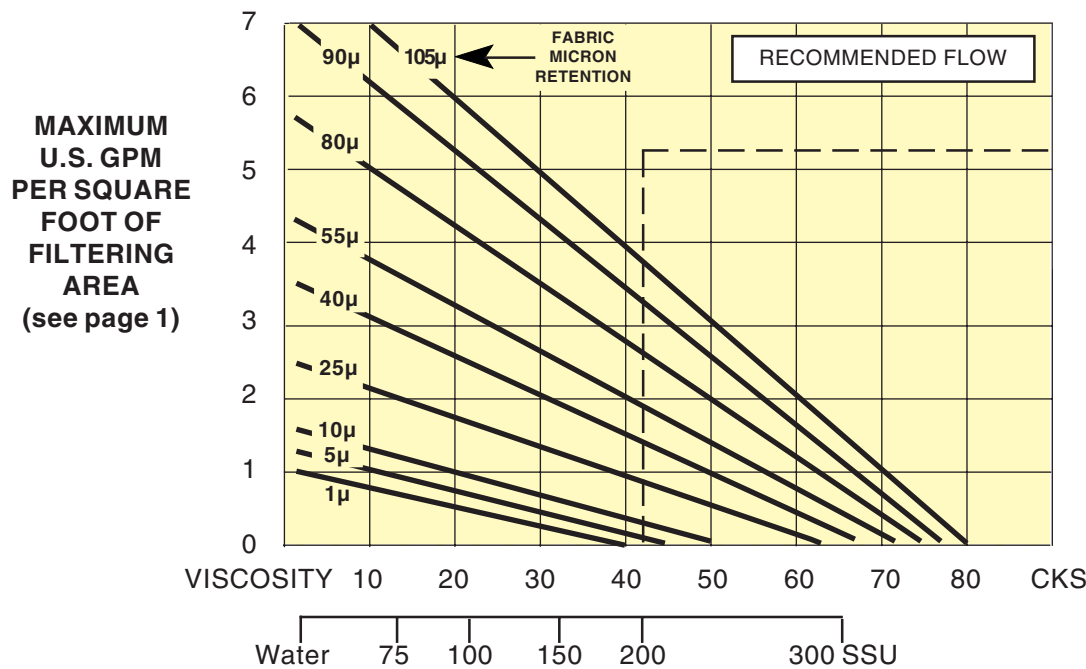
**FABRIC SELECTION CHART**

**INSTRUCTIONS**

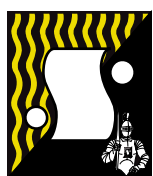
1. Select the desired micron retention fabric from the chart at right.
2. Using the **RECOMMENDED FLOW CHART**, determine the flow per square foot for the selected viscosity and fabric.
3. Divide the total flow (GPM) you desire by the number obtained in step 2. The resultant is the size, in square feet, of filter area your Roll-A-Filter should have.

APPLICATION		NOMINAL MICRON RATING								
		105	90	80	55	40	25	10	5	1
AQUEOUS SOLUTIONS	Paint spray booth - water	●	●	●	●					
	Zinc & iron phosphating			●	●	●	●			
	Caustic washing solutions	●	●	●	●	●	●			
	Waste treat - metal hydroxide						●	●	●	●
	Grinding - steel	●	●	●	●	●	●	●		
	Grinding - cast iron		●	●	●	●	●	●		
	Grinding - aluminum		●	●	●	●	●	●		
	Grinding - carbide				●	●	●	●		
	Belt grinding - steel	●	●	●	●	●	●			
	Belt grinding - zinc	●	●	●	●	●				
	Grinding - hard plastics		●	●	●	●				
	Grinding - soft plastics	●	●	●	●	●				
	Grinding - steel roll			●	●	●	●	●		
Grinding - brass	●	●	●	●	●	●				
Grinding - bronze			●	●	●	●				
Grinding - aluminum	●	●	●	●	●	●	●			
OIL 100-150 SSU	Lapping (Oil 30 - 100)				●	●	●	●	●	
	Honing (Oil 20 - 100)				●	●	●	●	●	
	Quenching				●	●	●	●	●	
	Grinding - steel	●	●	●	●	●	●	●		
	Belt grinding - steel	●	●	●	●	●	●	●		
OIL 150-250 SSU	Belt polishing - zinc, copper		●	●	●	●				
	Belt grinding - steel	●	●							
	Thread grinding - steel	●	●							
	Flute - tap die grinding	●	●							
	Crush & form grinding	●	●							

**FLOW RATE**



**NOTE:** Confirm data beyond 200 SSU by testing fluid with fabric media. Contact Application Engineering Dept. for sample fabric.



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