

**SERFILCO®**

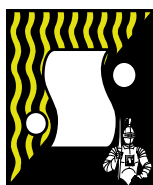
**DIATOMACEOUS EARTH  
MICRON RATING & FLOW RATE**

TECHNICAL  
BULLETIN  
TM-101B

MICRON RETENTION <sup>2</sup>		DIATOMACEOUS EARTH			FIBERS and OTHER PRECOAT MEDIA	STANDARD FLOW RATE <sup>1</sup>
FILTER AID	FILTER <sup>3</sup> CARTRIDGE	EAGLE-PICHER	MANVILLE	DICALITE		
.10		Celatom FN-2	Filter - Cel	Dicalite 115		0.016
		Celatom FP-2	-	Superaid		0.022
.25		Celatom FP-22	Celite 577	UF Grade 215		0.024
		Celatom FP-4	Standard Super-Cel	Speedflow		0.029
.50	.5				Sorbo Cel	0.58
		Celatom FP-6	Celite 512			0.61
		Celatom FW-6		Special Speedflow 213, 232, 235, 345		0.61
1	1				Dicalite Nerofil	0.62
					Flo-Clar S12	0.62
					Anthra Aid 32	0.85
					Solka Floc BW200	1.04
					Sorbo Cel	1.21
		Celatom FW-14	Hyflo Super-Cel	Speedplus 372, 375, 345		1.22
2	2	Celatom FW-18	Celite 501	Dicalite CP-5		1.34
		Celatom FW-20	Celite 503	Speedex 757	Flo-Char 500	1.39
3	3	Celatom FW-50	Celite 535	Dicalite 4200-CP8		1.72
4	5				Antra Aid 13	1.88
					Solka Floc B100	1.88
					Solka Floc BW40	2.55
					Flo-Clar 525	2.65
					Dicalite 25	2.80
		Celatom FW-60	Celite 545	Dicalite 5000		3.30
5	5				Solka Floc BW20	3.42
					Solka Floc SW40A	3.85
		Celatom FW-80	Celite 560		Flo-Clar 4011	4.00
	7				E.P.Pre Co Floc PB33	4.20
	10	<sup>1</sup> Approximate flow rates are predicated upon clean alkaline and acid plating solutions, and consideration must be given to slimy and colloidal solution, dirt and solids loading, hydraulic design changes, flow rates, etc., all of which will affect the flow rate and capacity determinations. The flow rates are in terms of U.S. GPM of water per square foot of filtering surface per pound of pressure drop across the filter membrane and precoat. All values are based upon a 1/8" thick clean precoat and represent initial flow only.  <sup>2</sup> Particle retention improves as dirt is picked up in the filter cartridge. <b>Example:</b> 30-50 micron cartridges will accomplish fine particle retention when loaded. A small percentage of fine particles are also picked up initially and percentage increases until complete shut-off.  <sup>3</sup> For comparison purposes, flow rates of 1½ U.S. GPM per cartridge should be followed. The coarser the media, the more dirt holding capacity.			Solka Floc SW400	4.20
	15				5.00	
	20					
	30					
	40					
	50					
	75					
	100					
					∞	
					10.00	

Edited 999

DISTRIBUTED BY



**SERFILCO®, LTD.**

2900 MacArthur Blvd. 847-509-2900  
 Northbrook, IL 60062-2005 U.S.A. 800-323-5431  
 e-mail: sales@serfilco.com FAX: 847-559-1995  
 www.serfilco.com