Flow Rates of Filter Bags

In most filtration applications, fluid viscosities do not exceed 50cps. Using the following Flow Rates Per #2 Size Bag as a guide, the suggested flow rates should result in a CLEAN Pressure Drop under 2 PSID.

Material Used	Micron Rating	Flow Rate (GPM)
Felt	1 & 3	80 GPM/#2 BAG
Felt	5 THRU 200	120 GPM/#2 BAG
Mesh	1, 5 & 10	100 GPM/#2 BAG
Mesh	25 THRU 100	125 GPM/#2 BAG
Mesh	150 THRU 800	150 GPM/#2 BAG
Microfiber	1A and 2A	60 GPM/#2 BAG
Microfiber	10A, 25A, 90A & 0A	80 GPM/#2 BAG

Micron Rating & Availability

Micron Availability		Micron Rating																									
Fiber	Material	1	3	5	10	25	35	50	65	75	90	100	120	125	150	175	200	250	300	400	600	700	800	1200	1500
Polyester Felt	Felt	■	■	■	■	■		■		■		■					■								
Nylon	Felt			■	■	■		■				■													
Polypropylene	Felt	■	■	■	■	■		■				■													
Teflon®	Felt	■		■	■	■																			
High Temperature	Felt			■	■	■		■				■					■								
Polypropylene	Microfiber	■	■		■	■		■			■		■												
Nylon	Monofilament Mesh	■		■	■	■	■	■	■	■		■		■	■	■	■	■	■	■	■		■	■	
Polypropylene	Monofilament Mesh											■			■		■	■	■		■		■		
Polyester	Multifilament Mesh									■		■		■	■		■	■	■	■	■		■		■