



Qualitative filter papers



Grade (plain)		Grade (folded)		Application				
402		302		General grade for qualitative tasks. Suitable for most sulphides. Determination of total fat content in dairy products.				
403		313		Drugs, pharmaceuticals, liquors, tinctures, chromatography and protein-free filtrations in the clinical laboratory.				
410		305		Filtration of copper(I) oxide, lead sulphate, barium sulphate, manganese carbonate and more for analytical work. Suitable for extremely difficult filtration and for clarification of wine.				
413		303		For routine laboratory work, suitable for student requirements in general chemistry. Suitable for filtration of aluminium phosphate, barium carbonate, lead chromate and more.				
415		301		Coarse precipitates such as aluminium hydroxide, cobalt carbonate, mercury iodide, magnesium hydroxide, and more.				
417		NA		Rapid filtrations where fine particle retention is not required.				
NA		307		For brewing industry. Embossed surface filter paper 70 g/m² for malt analysis in breweries (according to EBC standard).				
600		310		Qualitative filter paper for use in routine laboratories, universities and hospitals. Made of 100% cellulose with no binder.				
NA		315		Gelatinous and coarse precipitates.				

Grade	Weight	Thickness	Particle retention	Max. pore size	Min. pore size	Filtration speed	Wet burst strength	Dry burst strength
Plain filters								
401	84 g/m²	0,2 mm	12 - 15 µm	50 µm	31 µm	70 s (Herzberg)	2 psi	11 psi
402		0,17 mm	8 - 12 µm	40 µm	23 µm	150 s (Herzberg)	2,5 psi	17 psi
403	87 g/m²		5 - 8 µm	30 µm	15 µm	500 s (Herzberg)	0,5 psi	12,5 psi
410	80 g/m²	0,15 mm	2 - 3 µm	20 µm	9 µm	2500 s (Herzberg)	1 psi	22 psi
413	73 g/m²	0,16 mm	5 - 13 µm	45 µm	20 µm	160 s (Herzberg)	9 psi	28 psi
415	80 g/m²		12 - 15 µm	50 µm	31 µm	70 s (Herzberg)	0,8 psi	8,5 psi
417	110 g/m²	-	35 - 45 µm	-	-	27 s (Herzberg)	15 psi	35 psi
600	64 g/m²	0,15 mm	13 µm	60 µm	25 µm	110 s (Herzberg)	6,5 psi	19 psi
Folded filters								
301	84 g/m²	0,2 mm	12 - 15 µm	50 µm	31 µm	70 s (Herzberg)	2 psi	11 psi
302		0,17 mm	8 - 12 µm	40 µm	23 µm	150 s (Herzberg)	2,5 psi	17 psi
303	73 g/m²	0,16 mm	5 - 13 µm	45 µm	20 µm	160 s (Herzberg)	9 psi	28 psi
305	84 g/m²	0,14 mm	2 - 3 µm	20 µm	9 µm	2500 s (Herzberg)	3,5 psi	18 psi
307	70 g/m²	-	8 µm	40 µm	23 µm	520 s (Herzberg)	-	-
310	64 g/m²	0,15 mm	13 µm	60 µm	25 µm	110 s (Herzberg)	6,5 psi	19 psi
313	87 g/m²	0,17 mm	5 - 8 µm	30 µm	15 µm	500 s (Herzberg)	0,5 psi	12,5 psi
315	73 g/m²		17 - 30 µm	70 µm	40 µm	60 s (Herzberg)	6,5 psi	17,5 psi

Grade	Size (mm)	Pk	Cat. No.
Plain filters			
401	55	100	516-0349
401	70	100	516-0350
401	125	100	516-0351
401	70 mm x 80 m	1 Roll	516-0282
402	150	100	516-0283
403	150	100	516-0289
410	75	100	516-0800
410	90	100	516-0801
410	110	100	516-0802
410	125	100	516-0803
410	150	100	516-0804
410	185	100	516-0805
413	15	100	516-0810
413	42,5	100	516-0811
413	55	100	516-0812

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