

HARDENED LOW ASH FILTER PAPERS FOR QUALITATIVE ANALYSIS

Hardened low ash filter papers (approx. 0.05 %) with high chemical and mechanical resistance, especially recommended for vacuum and pressure filtration, and for the use of acidic and alkaline solutions.

- Made of super-refined cotton linters and cellulose.
- α -cellulose content above 95 %.
- High wet strength; easy to scrap off or wash off precipitates; no fiber release.
- Low ash content (approx. 0.05 %).
- High resistance to aggressive chemical components, like sulfuric and nitric acids (up to 40 % at 50° Celcius) and alkalis (up to 10 % at 20° Celcius).
- 2 types: plain (DP) and folded (DF).



TECHNICAL SPECIFICATIONS

Grade	Properties	Filtration Herzbergs	Retention of particles μm	Weight g/m^2	Thickness mm	Ash** %
FP1573	Fast	50	12-25	88	0.17	0.05
FP1574	Medium	170	7-12	90	0.16	0.05
FP1575	Slow	600*	≤ 2	90	0.14	0.05

* Measured with 150 mm water column instead of 50 mm

** Average value

APPLICATIONS

Ref. FP1573:

- For coarse crystalline precipitates.
- Iron hydroxide, aluminium, chrome, copper sulfate, bismuth, cobalt and iron.
- Silicon determination in iron analysis.

Ref. FP1574:

- For fine crystalline precipitates.
- Calcium oxalate, metal sulfide and barium sulfate, lead molybdate.
- Emission controls on atmospheric pollution (sulfur oxide, ammoniac gases, etc.).
- Fat-extracting equipment.
- Oil and food industry.

Ref. FP1575:

- Retention of very fine precipitates, such as barium sulfate, zinc sulfide, etc.



ORDERING INFORMATION

Grade	FP1573 Fast	FP1573 Fast	FP1574 Medium	FP1574 Medium	FP1575 Slow	FP1575 Slow
\emptyset	Plain	Folded	Plain	Folded	Plain	Folded
42.5 mm	DP15730425	-	DP15740425	-	DP15750425	-
47 mm	DP1573047	-	DP1574047	-	DP1575047	-
55 mm	DP1573055	-	DP1574055	-	DP1575055	-
70 mm	DP1573070	-	DP1574070	-	DP1575070	-
90 mm	DP1573090	-	DP1574090	-	DP1575090	-
110 mm	DP1573110	-	DP1574110	DF1574110	DP1575110	-
125 mm	DP1573125	DF1573125	DP1574125	DF1574125	DP1575125	DF1575125
150 mm	DP1573150	DF1573150	DP1574150	DF1574150	DP1575150	DF1575150
185 mm	DP1573185	DF1573185	DP1574185	DF1574185	DP1575185	DF1575185
200 mm	DP1573200	-	DP1574200	-	DP1575200	-
240 mm	DP1573240	DF1573240	DP1574240	DF1574240	DP1575240	-
270 mm	-	DF1573270	-	-	-	-
320 mm	DP1573320	-	DP1574320	-	DP1575320	-
500 mm	DP1573500	-	DP1574500	-	DP1575500	-
460 x 570 mm	15734657	-	15744657	-	15754657	-

Presentation: 100 units / box

Other sizes available on request.