Test the Best Premium Filter Papers

Hahnemühle

Advanced absorbent filtration media

for In vitro Diagnostic (IVD) Devices

Hahnemühle manufactures and offers absorbent filtration media with high quality and highest purity. These media provide excellent performance and consistent reproducibility for the manufacture of reliable In vitro Diagnostic Devices (IVDD).
Special materials have been developed for immunodiagnostic device platforms, which must give consistent, fast and accurate results. A variety of cotton linters, cellulose and glass fibre filters are the first choice for device manufacturers for over 30 years related to Lateral Flow and Flow Through assays, as well as dip sticks, such as critical "Point of Care" devices.

Characteristics of Hahnemühle Diagnostic Papers

- Ideal for the production of test strips by impregnation with specific reagents via roll-to-roll or via dipping of sheets.
- Made from ultrapure cotton linters and cellulose, entirely without any additives to ensure that no interference will occur with the reagents and their detection reaction by leaching. The media behave pH neutral.
- Tested specifically like chromatographic and blotting papers to ensure high and uniform capillary actions and a homogenous dispersion of the impregnation solution and sample.
- High consistency in thickness and capillary force over the whole paper roll and from lot to lot.
- High wet strength for safe handling during reel-to-reel impregnation



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In Vitro Diagnostic Product Range

Process	Water Absorbency g/100 cm²	Capillary Rise (Klemm)	Grade	Caliper mm	Weight g/sqm	Composition
Impregnation	1,20	-	597 L	0,17 mm	81	Cotton Linters
	1,20	-	597 nf	0,18 mm	81	Cellulose
	1,25	105 mm / 30 min	2043a	0,17 mm	85	Cotton Linters
	2,40	120 mm / 20 min	2316	0,30 mm	165	Cotton Linters
	3,3	140 mm / 30 min	23SL	0,45 mm	250	Cotton Linters
	3,35	125 mm / 10 min	2992	0,47 mm	182	Cotton Linters
	5,80	150 mm / 10 min	3324	0,69 mm	275	Cotton Linters
	7,40	155 min / 10 min	2668	0,90 mm	320	Cotton Linters
Sample collection	3,35	125 mm / 10 min	2992	0,47 mm	182	Cotton Linters
Sample application	-	130 mm / 10 min	GF 51	1,00 mm	140	Glass fibre
	-	90 mm / 10 min	GF 55	0,40 mm	75	Glass fibre
	5,80	150 mm / 10 min	3324	0,69 mm	275	Cotton Linters
	7,40	155 min / 10 min	2668	0,90 mm	320	Cotton Linters
	-	170 mm / 30 min	2727	1,30 mm	700	Cotton Linters
	14,0	-	2294	1,50 mm	570	Cellulose
Conjugate release	-	130 mm / 10 min	GF 51	1,00 mm	140	Glass fibre
	-	90 mm/ 10 min	GF 55	0,40 mm	75	Glass fibre
Wicking / Blotting	-	170 mm / 30 min	2727	1,30 mm	700	Cotton Linters
	2,70	65 mm / 10 min	3469	0,35 mm	192	Cotton Linters
	7,40	155 mm / 10 min	2668	0,90 mm	320	Cotton Linters
	14,0	-	2294	1,50 mm	570	Cellulose



Customization:

We offer a broad range of options to design your individual product and to meet a unique performance of your IVD device:

- Special and customised composition of the absorbent media
- Customized surface, thickness and whiteness
- Individual cutting, shaping, cut-out and notch
- Flexible packing and pack size.

Company:
Hahnemühle FineArt GmbH is one of Germany's oldest paper manufacturers. The company has dedicated itself to the production of premium filter papers for decades. The Albet® LabScience brand offers users a comprehensive range of articles for day-to-day laboratory work. Besides filter papers, this range is also complemented by membranes and syringe filters. Many leading companies from the pharmaceutical, chemical, food and beverage industries, as well as environmental monitoring, place their trust in the products from Hahnemühle.

www.hahnemuehle.com

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