



# Chromatography and Blotting Transfers

## High quality Cotton paper

Ahlstrom-Munksjö offers a full range of high quality cotton papers with high absorbency – ideal for chromatographic analysis and blotting methods with gel (Southern, Northern and Western Blots).

Ahlstrom-Munksjö manufactures, both in Europe and in the US, absorbent papers made of the highest purity cotton linters. These media do not contain additive of any kind, thus preventing any contamination during the transfer steps.

Ahlstrom-Munksjö's absorbent papers are produced with a wide range of thickness and absorption levels for optimal wicking capabilities, drying and blotting in any application. Each media is specifically designed to ensure high quality and consistency. Close surveillance in tightly controlled conditions ensures the highest uniformity, consistency and smoothness of the sheets in all grades. This contributes to clean and even transfers during blotting.

All our references are available in customized sizing and packaging to meet customer needs and industry standards.

## Benefits

- High purity
- Uniform absorption
- High intra and inter-lot consistency
- Wide range of thickness and absorption levels
- Customized sizing and packaging

## Applications

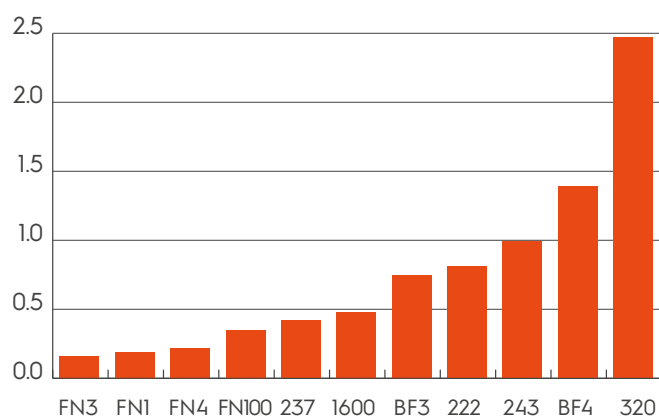
- Chromatography
- Electrophoresis
- Northern, Western and Southern Blots
- Antibiotic discs
- Seed Germination Testing

## Typical grade characteristics

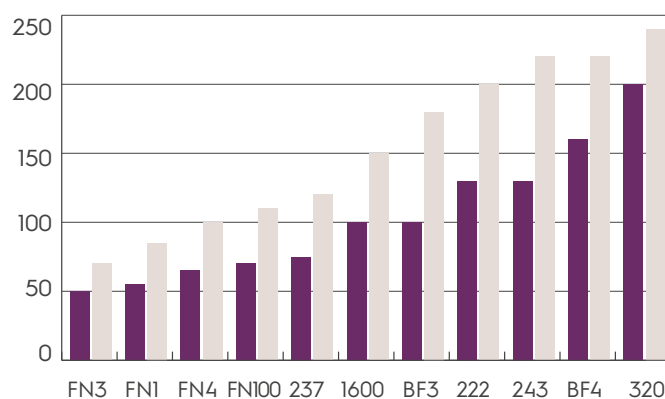
| Grade reference | Thickness mm | Basis Weight g/m <sup>2</sup> | Capillary Rise mm/10 min | Capillary Rise mm/30 min |
|-----------------|--------------|-------------------------------|--------------------------|--------------------------|
| FN3             | 0.16         | 90                            | 50                       | 70                       |
| FN1             | 0.19         | 90                            | 75                       | 120                      |
| FN4             | 0.22         | 125                           | 55                       | 85                       |
| FN100           | 0.35         | 195                           | 65                       | 100                      |
| 237             | 0.42         | 183                           | 100                      | 150                      |
| 1600            | 0.48         | 250                           | 70                       | 110                      |
| BF3             | 0.75         | 330                           | 130                      | 200                      |
| 222             | 0.81         | 302                           | 130                      | 220                      |
| 243             | 0.99         | 421                           | 100                      | 180                      |
| BF4             | 1.39         | 550                           | 160                      | 220                      |
| 320             | 2.47         | 702                           | 200                      | 240                      |



The key characteristics that help us to define the right paper grade are the thickness, the basis weight and the capillary rise (absorption speed). Thicker papers allow separation of higher quantities while lower capillary rise is more suitable for higher resolution.



Thickness mm



Capillary Rise mm/10 min

Capillary Rise mm/30 min

Other blotting papers available upon demand. Please contact us for further information.

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