

BOECO FILTER PAPERS

QUANTITATIVE FILTERS

quantitative ashless filter papers are recommended for quantitative analysis. As quantitative analysis requires a high purity, these filters are being washed out with acid



388 - black spot - fast filtering, wide pores, ashless hardened

For coarse and voluminous precipitates such as iron-aluminium and chromium hydroxide; Si-determination in steel and pig iron analysis

Basis weight: 84 g/m²
 Filtration velocity: 10 ml / 10 seconds
 Typical pore size: 12 - 15 µm
 Similar to: S&S 589/1, M-N 640w

| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|-------------------------------|---------|
| 55 mm | FTR 3.101.055 | 388 / Filter discs. Black dot | 100 |
| 70 mm | FTR 3.101.070 | 388 / Filter discs. Black dot | 100 |
| 90 mm | FTR 3.101.090 | 388 / Filter discs. Black dot | 100 |
| 110 mm | FTR 3.101.110 | 388 / Filter discs. Black dot | 100 |
| 125 mm | FTR 3.101.125 | 388 / Filter discs. Black dot | 100 |
| 150 mm | FTR 3.101.150 | 388 / Filter discs. Black dot | 100 |
| 185 mm | FTR 3.101.185 | 388 / Filter discs. Black dot | 100 |
| 240 mm | FTR 3.101.240 | 388 / Filter discs. Black dot | 100 |

389 - white spot - medium fast filtering, medium wide pores, ashless hardened

Typical grade for quantitative tasks, coarser precipitates, such as lead-, iron and silver sulphide alkali carbonates, food stuff and soil analysis

Basis weight: 84 g/m²
 Filtration velocity: 10 ml / 20 seconds
 Typical pore size: 8 - 12 µm
 Similar to: Whatman 41, S&S 589/2, M-N 640m



| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|-------------------------------|---------|
| 55 mm | FTR 3.102.055 | 389 / Filter discs. White dot | 100 |
| 70 mm | FTR 3.102.070 | 389 / Filter discs. White dot | 100 |
| 90 mm | FTR 3.102.090 | 389 / Filter discs. White dot | 100 |
| 110 mm | FTR 3.102.110 | 389 / Filter discs. White dot | 100 |
| 125 mm | FTR 3.102.125 | 389 / Filter discs. White dot | 100 |
| 150 mm | FTR 3.102.150 | 389 / Filter discs. White dot | 100 |
| 185 mm | FTR 3.102.185 | 389 / Filter discs. White dot | 100 |
| 240 mm | FTR 3.102.240 | 389 / Filter discs. White dot | 100 |

392 - red spot - medium to slowly filtering, medium tight, ashless hardened

Fast filtration of fine precipitates such as calcium oxalate, magnesium ammonium phosphate, coarser forms of barium sulphate

Basis weight 84 g/m²
 Filtration velocity: 10 ml / 50 seconds
 Typical pore size: 5 - 8 µm
 Similar to: Whatman 43, S&S 589/5, M-N 640md

| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|-----------------------------|---------|
| 55 mm | FTR 3.105.055 | 392 / Filter discs. Red dot | 100 |
| 70 mm | FTR 3.105.070 | 392 / Filter discs. Red dot | 100 |
| 90 mm | FTR 3.105.090 | 392 / Filter discs. Red dot | 100 |
| 110 mm | FTR 3.105.110 | 392 / Filter discs. Red dot | 100 |
| 125 mm | FTR 3.105.125 | 392 / Filter discs. Red dot | 100 |
| 150 mm | FTR 3.105.150 | 392 / Filter discs. Red dot | 100 |
| 185 mm | FTR 3.105.185 | 392 / Filter discs. Red dot | 100 |
| 240 mm | FTR 3.105.240 | 392 / Filter discs. Red dot | 100 |

390 - green spot - slowly filtering, narrow pores, ashless hardened

Filtration of fine precipitates such as lead dioxide, calcium fluoride nickel sulphide, zinc sulphide

Basis weight: 84 g/m²
Filtration velocity: 10 ml / 100 seconds
Typical pore size: 3 - 5 µm
Similar to: Whatman 40, S&S 589/6, M-N 640d



| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|-------------------------------|---------|
| 55 mm | FTR 3.103.055 | 390 / Filter discs. Green dot | 100 |
| 70 mm | FTR 3.103.070 | 390 / Filter discs. Green dot | 100 |
| 90 mm | FTR 3.103.090 | 390 / Filter discs. Green dot | 100 |
| 110 mm | FTR 3.103.110 | 390 / Filter discs. Green dot | 100 |
| 125 mm | FTR 3.103.125 | 390 / Filter discs. Green dot | 100 |
| 150 mm | FTR 3.103.150 | 390 / Filter discs. Green dot | 100 |
| 185 mm | FTR 3.103.185 | 390 / Filter discs. Green dot | 100 |
| 240 mm | FTR 3.103.240 | 390 / Filter discs. Green dot | 100 |

391 - blue spot - very slowly filtering, fine pores, ashless hardened

Fine-grained precipitates such as barium sulphate, metannic acid, cupros oxide

Basis weight: 84 g/m²
Filtration velocity: 10 ml / 180 seconds
Typical pore size: 2 - 3 µm
Similar to: Whatman 44, S&S 589/3, M-N 640de



| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|------------------------------|---------|
| 55 mm | FTR 3.104.055 | 391 / Filter discs. Blue dot | 100 |
| 70 mm | FTR 3.104.070 | 391 / Filter discs. Blue dot | 100 |
| 90 mm | FTR 3.104.090 | 391 / Filter discs. Blue dot | 100 |
| 110 mm | FTR 3.104.110 | 391 / Filter discs. Blue dot | 100 |
| 125 mm | FTR 3.104.125 | 391 / Filter discs. Blue dot | 100 |
| 150 mm | FTR 3.104.150 | 391 / Filter discs. Blue dot | 100 |
| 185 mm | FTR 3.104.185 | 391 / Filter discs. Blue dot | 100 |
| 240 mm | FTR 3.104.240 | 391 / Filter discs. Blue dot | 100 |

393 - purple spot - particularly slow filtering, especially fine pores, ashless hardened

For extremely difficult filtration conditions and particularly fine precipitates

Basis weight: 100 g/m²
Filtration velocity: 10 ml / 250 seconds
Typical pore size: 1 - 2 µm
Similar to: Whatman 42

| Diam. | Code | Grade/Description | Pack of |
|--------|---------------|--------------------------------|---------|
| 55 mm | FTR 3.127.055 | 393 / Filter discs. Purple dot | 100 |
| 70 mm | FTR 3.127.070 | 393 / Filter discs. Purple dot | 100 |
| 90 mm | FTR 3.127.090 | 393 / Filter discs. Purple dot | 100 |
| 110 mm | FTR 3.127.110 | 393 / Filter discs. Purple dot | 100 |
| 125 mm | FTR 3.127.125 | 393 / Filter discs. Purple dot | 100 |
| 150 mm | FTR 3.127.150 | 393 / Filter discs. Purple dot | 100 |
| 185 mm | FTR 3.127.185 | 393 / Filter discs. Purple dot | 100 |
| 240 mm | FTR 3.127.240 | 393 / Filter discs. Purple dot | 100 |