

Filter Discs for Electroplating Baths

The selection of the right filter material is crucial for the filtration of galvanic baths for good filtration. The following criteria must be observed:

- Bath liquid
- PH value
- Temperature
- Filter porosity
- Filtration type
(Particles or activated carbon cleaning)



Thanks to a large number of different qualities, we always have the right filter material for your application.

Cellulose filter discs

These discs are used for simple and inexpensive filtration. They are used in the range from pH 3-10 (acidic to alkaline). After a single use, the panes must be changed and disposed of.

Advantages:

- Easy to use
- Low cost

➤ Paper filter discs type VO FP 79-090 thin (90 g / m²)

This quality has a fineness of approx. 25 µm. The thickness of each disc is between 0.3 and 0.4 mm. All sizes of this quality are stacked in foil and packed in 100 pieces.

➤ Cardboard filter discs type VO FP 79-250 thick (250 g / m²)

This quality has a fineness of approx. 10 µm. The thickness of each disc is between 0.5 and 0.6 mm. All sizes of this quality are stacked in foil and packed in 100 pieces.

➤ Cardboard filter discs type VO FP 79-380 thick (380 g / m²)

This quality has a fineness of approx. 5 µm. The thickness of each disc is between 0.9 and 1.0 mm. All sizes of this quality are stacked in foil of 250 pieces.

➤ Cardboard filter discs type VO FP 79-600 thick (600 g / m²)

This quality has a fineness of approx. 1 µm. The thickness of each disc is between 1.5 and 1.7 mm. All sizes of this quality are stacked in foil and packed in 100 pieces.

Typical standard dimensions (mm)

∅ 136/32	∅ 205/32	∅ 280/50	∅ 350/60	∅ 490/92
∅ 165/50	∅ 210/60	∅ 295/50	∅ 455/100	∅ 540/60
∅ 180/32	∅ 215/32	∅ 295/64	∅ 470/60	∅ 540/100
∅ 195/60	∅ 260/40	∅ 300/100	∅ 480/60	

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Needle felt filter discs

These discs are used for high quality filtration. They are used in the pH range from 0-14 (strongly acidic to strongly alkaline). After use, the panes are removed and cleaned e.g. in an industrial washing machine with hot water (max. 90°C) or by placing them in an acid basin. If handled properly, these discs can be used for several months.

Advantages:

- Depth filtration effect
- High separation
- Can be used in all baths
- Can be used multiple times

➤ SYNAFELT filter discs type SY PP 81-035 / 5

This quality has a fineness of approx. 20-30 µm. The thickness of each disc is between 1.3 and 1.5 mm. They are stacked in foil, depending on the order quantity.

➤ SYNAFELT filter discs type SY PP 81-060/5

This quality has a fineness of approx. 5-10 µm. The thickness of each disc is between 1.4 and 1.6 mm. They are stacked in foil, depending on the order quantity.

➤ SYNAFELT filter discs type SY PP 81-080/5

This quality has a fineness of approx. 1-3 µm. The thickness of each disc is between 2.2 and 2.6 mm. They are stacked in foil, depending on the order quantity.

Activated carbon filter discs

These discs are used in the electroplating baths to remove organic foreign matter and degradation products from the electrolytes. After a single use, the discs must be changed and disposed of.

Advantages:

- Easy to use
- High bath cleanliness

➤ Paper filter discs type VO AP 79-170 black (170 g / m²)

This quality has a fineness of approx. 10 µm. The thickness of the each disc is between 0.4 and 0.6 mm. The activated carbon content of this type is approx. 40 g / m². All disc sizes of this quality are stacked in foil to 100 pieces.

Most of the filter discs we offer are kept in stock. Short-term delivery is therefore very often possible. If the desired type is not in stock, we can manufacture it on our modern punching systems within a very short time.

VOIGT filter discs are of course also suitable for use in competitor devices. Other dimensions and other qualities such as filter discs made of polypropylene fabric are also available from us on request.