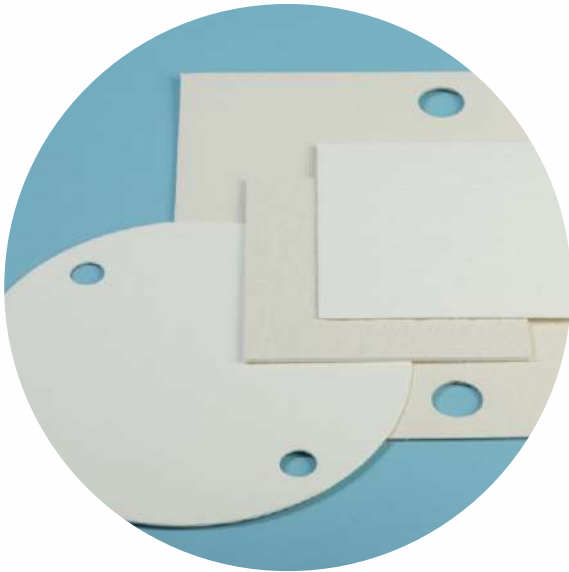


Filter Sheets



Depth Filtration

Dorsan® has a wide range of depth filter media that will process solution to your solid-liquid separation. On a depth filter, the area available for solids retention is not just the outside of the filter element, but the entire surface area of the pores through which the liquid to be filtered flows.

The filter plates are used in various types of industries as Chemical, Pharmaceutical, Beverage, Food, Cosmetics...

The main advantage of the depth filters is their high dirt-holding capacity, as opposed to the filtration surface, where they are retained by a simple mechanical action of surface screening. Besides the usual formats 40x40 cm or 60x60 cm for filter presses. We can supply any format with or without holes.

Features

Wide range of formats
Excellent relation quality/price
Different porosities to choose

Applications

Food & Beverages
Chemical-Pharmaceuticals
Cosmetics

Conditions

From KA-05 to KA-5: ΔP 2,5 bar a 20°C
From KA-035 to KA-50: ΔP 2,5 bar a 20°C

Coarse filtration

KA-05
KA-01
KA-1
KA-3
KA-5
KA-035

Polishing filtration

KA-10
KA-11
KA-12
KA-15

Sterile filtration

KA-25
KA-30
KA-40
KA-50

Filter Sheets specifications

	Weight gsm	Thickness mm	Water Value at 100 kPa	Micro Rating µm	Filtration Degree
KA-05	675 - 825	3.85 - 4.35	8218 - 14665	40 - 50	Coarse
KA-01	700 - 855	3.35 - 3.80	5738 - 10203	25 - 30	Coarse
KA-295	1080 - 1320	3.95 - 4.45	764 - 1358	25 - 30	Coarse
KA-1	615 - 755	2.00 - 2.30	2254 - 4006	20 - 25	Coarse
KA-3	720 - 880	3.10 - 3.50	5271 - 9374	7 - 11	Coarse
KA-035	945 - 1155	3.55 - 4.00	1119 - 1989	4 - 7	Coarse
KA-5	800 - 900	2.10 - 2.30	326 - 489	3.5 - 5.0	Coarse
KA-10	1030 - 1270	3.50 - 4.00	485 - 885	2.5 - 3.5	Clarification
KA-11	1110 - 1360	3.50 - 4.00	240 - 505	2.0 - 3.0	Clarification
KA-12	1200 - 1400	3.40 - 3.80	110 - 150	1.0 - 2.25	Clarification
KA-15	1192 - 1455	3.30 - 3.70	81 - 143	0.80 - 1.00	Fine Clarification
KA-25	1300 - 1500	3.70 - 3.90	69 - 81	0.69 - 0.81	Steril
KA-30	1400 - 1600	3.50 - 4.00	50 - 65	0.40 - 0.60	Steril
KA-40	1350 - 1550	3.70 - 3.90	43 - 52	0.25 - 0.45	Super Steril
KA-50	1500 - 1700	3.90 - 4.10	10 - 16	0.04 - 0.20	Super Steril

- Cellulose Fibers
- Diatomite
- Perlite
- Carboxymetilcellulose (<1,5%)
- Polyamidoamine
(wet strength agent <1,5%)

Disclaimer: This list is only valid for internal use. Could be used as a guide for our customers to choose the filter sheet that fits their filtration requirements the most.

The analyzes were performed according to the methods described in "Arbeitskreis Technik / id Analytik Fachvereinigung Europäischen Tiefenfiltration e. V." As well as with our internal procedures.

These filter sheets with Recommendation XXXVI / 1 of the German BfR on paper and paperboard intended for food use and are in accordance with Regulation (EC) # 1935/2004 of 27 October 2004 on materials and articles intended to come food contact.

All products are produced according to the requirements stated in the EN ISO 9001 and ISO 14001.