VERSAFIX®
Depth filter sheets

EN Data sheet

QUALI FILTRES
SIEBEC Group

Depth filter sheets for the removal of particles from liquids to suit a wide range of applications.

A product from FILTROX

Components

Purified and bleached cellulose from sustainable sources, natural filter aids, wet strength agent.

Formats

All standard sizes and tailored formats are available.

Quality Assurance

Certified to:

- ISO 9001 (quality management)
- ISO 14001 (environmental management)
- Kosher standard

Compliant to:

- Recommendation XXXVI/1 of the German Federal Institute for Risk Assessment (Bundesinstitut für Risikobewertung, BfR)
- FDA (US Food and Drug Administration) 21 CFR 177.2260 e-k

Packaging and Storage

Filter sheets are hygienically shrink-wrapped and packaged in cardboard boxes. They must be stored in their original packaging in a dry, odorless and well-ventilated area. The sheets should be used within 60 months from the date of manufacture.

Disposal

The respective official regulations for disposal must be followed depending on the filtered product. Uncontaminated sheets can be disposed of as non-hazardous waste.

Remarks

The validity of the information cannot be guaranteed for every application. All information is based on current knowledge and does not claim to be complete. No liabilities can be derived from this information. FILTROX reserves the right to make changes in the course of technical improvements.

Operating Conditions

Parameter	Recommendation
Maximum differential pressure	2.5 bar / 36 psi
Rinsing volume	50 L/m²
Sterilization	Water 85 °C / Steam 125 °C

Chemical Stability

Substance	[%]	°C		Substance	[%]	°C		Substance	[%]	°C	
		20	80			20	80			20	80
NaOH	1.0	r	r	HCl	5.0	r	lr	SO_2	0.1	r	-
NaOH	2.0	r	lr	HNO_3	5.0	r	lr	Acetone	conc	r	r
H_2O_2	1.0	r	lr	H_2SO_4	10.0	r	lr	Ethanol	80.0	r	r
Peracetic ac.	0.1	r	lr	Citric acid	10.0	r	r	Methanol	80.0	r	r

r = resistant, lr = limited resistance. This table is for guidance purposes only.

Product Range

Grade	Retention rate [µm]	Water value [1] [L/m²×min]	Thickness [mm]	Ash content [%]	Filtration type
XE 03	> 35.0	1437 – 2554*	2.8 – 3.2	< 1.0	Coarse
XE 05	15 – 30	1642 – 2918*	3.4 – 3.9	< 1.0	Coarse
XE 07	8.0 – 20	1119 – 1989	3.5 – 4.0	22.0 – 28.0	Coarse
XE 08	4.0 – 10	326 – 489*	2.1 – 2.3	30.0 – 37.0	Coarse
XE 10	10 – 30	945 – 1671	3.5 – 4.0	14.0 – 22.0	Coarse
XE 14	8.0 – 20	811 – 1385	3.5 – 4.0	22.0 – 28.0	Coarse
XE 24	6.0 – 15	485 – 885	3.5 – 4.0	34.5 – 41.5	Fine
XE 34	4.0 – 9.0	315 – 580	3.5 – 4.0	38.0 – 46.0	Fine
XE 44	3.0 – 6.0	240 – 505	3.5 – 4.0	38.0 – 46.0	Fine
XE 64	1.5 – 3.0	191 – 351	3.5 – 4.0	38.0 – 46.0	Fine
XE 94	0.6 – 1.5	111 – 191	3.5 – 4.0	40.0 – 48.0	Fine
XE 104	0.5 – 0.8	55 – 105	3.5 – 4.0	46.0 – 54.0	Fine

*[1] Δp = 100 kPa, *) Δp = 30 kPa. The indicated water value is not related in any way to the actual filtration flow rate.*

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We are here to help.
Contact-us!