



# SUPPORT FILTER SHEETS

## FILTER SHEET FOR PRE-COAT FILTRATION

**Description** Washable, reusable support depth filter sheets for pre-coat filtration with the use of different filter aids powders. Commonly used in the beer industry and suitable for a wide range of other applications.

**Components** Purified and bleached cellulose from sustainable sources, synthetic fibers (DUROFIL® grade only) and wet strength agent.

**Formats** All standard sizes, folded (box or multi crease), with or without slit and tailored formats are available.

Product Range	Grade	Retention rate [µm]	Water value <sup>(1)</sup> [L/m <sup>2</sup> ×min]	Thickness [mm]	Ash content [%]	Filtration type
	DUROFIL®	N/A	> 2500	3.1 – 3.5	< 1.0	Pre-coat
	W2N	N/A	2500 – 3458	3.1 – 3.5	< 1.0	Pre-coat

<sup>(1)</sup> Δp = 1.0 bar, the indicated water value does not correspond to the effective flow rate

Operating Conditions	Parameter	Recommendation
	Minimum back pressure	0.5 bar / 7.2 psi
	Rinsing volume	50 L/m <sup>2</sup>
	Sterilization	Water 85 °C/Steam 125 °C
	Recommended min. pre-coating flow rate	350 L/m <sup>2</sup> /h

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 <sub>2</sub>	0.1	r	n/a
	NaOH	2.0	r	lr	HNO <sub>3</sub>	5.0	r	lr	Acetone	conc	r	r
	H <sub>2</sub> O <sub>2</sub>	1.0	r	lr	H <sub>2</sub> SO <sub>4</sub>	10.0	r	lr	Ethanol	80.0	r	r
	Peracetic ac.	0.1	r	lr	Citric acid	10.0	r	r	Methanol	80	r	r

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

**Quality Assurance** Certified:  
 – ISO 9001 (quality management)  
 – ISO 14001 (environmental management)

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** Support filter sheets are hygienically shrink-wrapped and packaged in cardboard boxes or customize packaging depending on format, size and customer requirements. 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. Untaminated 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. FILTRIX reserves the right to make changes in the course of technical improvements.