



**Product:** PURAFIX **CH ST 110 P**

**Composition:** These filter sheets are manufactured of specially selected raw materials such as purified and bleached cellulose and inorganic natural filter aids. Polyamidoamine is used as wet strength agent

**Application:** This filter grade is mostly used in chemical, biotechnology and pharmaceutical industries, for sterilizing, germ-reducing filtration.

Example: Sterilizing filtration for cosmetics, organic liquids, distillates.

			Min.	Max.
Physical Properties:	Water value at 100 kPa	l/m <sup>2</sup> *min	68	80
	Weight	g/m <sup>2</sup>	1300	1500
	Thickness	mm	3.7	3.9
	Density	g/cm <sup>3</sup>	0.33	0.41
	Ash content	%	46.1	51.1

**Chemical Properties:** Extractable ions after a WFI flush of 50l/m<sup>2</sup>, concentration in mg/l

Ca	Mg	Pb	Zn	Cd	Cu	Ni	Co	Fe	Al
<1	<0.1	<0.0001	<0.01	<0.001	<0.001	<0.002	<0.0015	<0.05	<0.05

**Microbiological Retention:** Bacterial Challenge\*: 1.0 E+7 /cm<sup>2</sup>  
 Bacterial Retention\*: >5 LRV

\* not applicable if sheet is not sterile filtering or germ reducing grade.

**Endotoxines:** LAL-Test: <0.125 EU/ml (after a WFI-Flush of 50 l/m<sup>2</sup>)

**Remarks:** Analysis are made according to the methods of "Arbeitskreis Technik / Analytik der Europäischen Fachvereinigung Tiefenfiltration e.V. (E.F.T.)" as well as to our internal standards.

These filters are in line with recommendation XXXVI/1 of BgVV and comply with the requirements of the "Lebensmittel- und Bedarfs-Gegenstände-gesetz LMBG" (law on foodstuffs and items of practical use). The products can be used as hot and cold water filter papers and filter layers for foodstuffs. The products also comply with the requirement of U.S.P. (Safety Test) as well as F.D.A. regulations CFR 21, § 177.2260 e,f,g,h,i,j,k, and l. All our products are made according to the rules of Quality Management System EN ISO 9001, food safety Management System EN ISO 22000 as well as to the Environmental Management System EN

**Principal component(s):** Cellulose, natural kieselguhrs, perlites.

**Components < 3%:** Polyamidoamine

**Delivery:** FILTROX filter sheets are available in all customary sizes, hygienically shrink-wrapped and packed in cardboard boxes. Please ask for packing of special dimensions.

All information given in this paper are up-to-date at the time of publishing. However, each enduser is requested to check the suitability of their products with the types of filtration mentioned in this leaflet. It is not necessarily complete.