

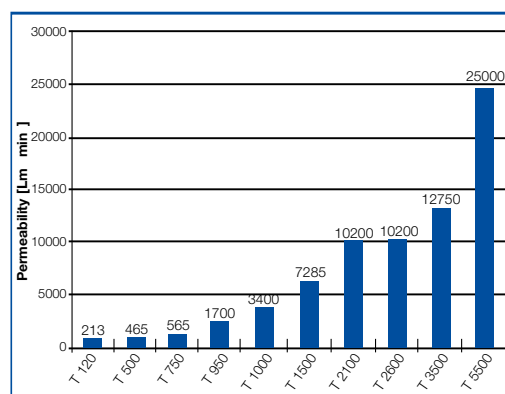
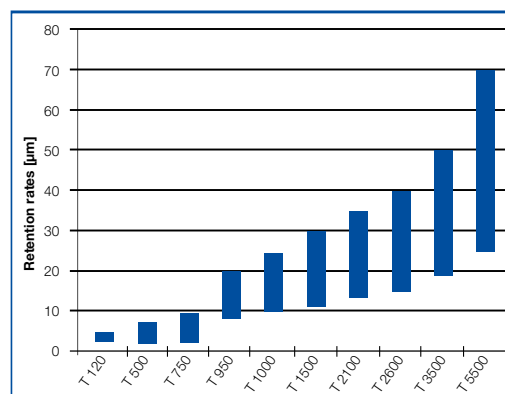
T-Series Depth Filter Sheets

The T series of filter sheets from Pall (formerly SeitzSchenk) includes 10 different degrees of permeability.

Grades T 120 to T 950 are used for clarifying filtration. Due to their positive ZETA potential these depth filters possess a high adsorption capacity.

In contrast, grades T 1000 to T 5500 are designed for coarse filtration. They are characterized by a more open structure and combine very high outputs with long filtration cycles due to their high dirt holding capacity.

Grades T 1000 to T 5500 have proved successful in the filtration of viscous media, for the retention of gel particles and coarse dispersed substances at low differential pressures. Furthermore, they can be inserted into plate and frame kieselguhr filters to retain the pre-coat filter material.



Δp = 100 kPa (1 bar), T = 20°C, medium H₂O

Characterization

The tests are carried out according to the methods of the Technical / Analytical Work Group within the European Depth Filtration Association or in accordance with in-house test methods.

Technical Data

Sheet	Mass per unit area [g m ⁻²]	Thickness [mm]	Ash [%]	Extractable ions soluble in acetic acid (5%) [mg m ⁻²]		
				Ca	Fe	Al
T 120	900	2.8	43	1250	20	75
T 500	850	2.7	38	1000	15	45
T 750	850	2.7	40	770	15	45
T 950	850	2.8	40	600	13	25
T 1000	950	3.6	35	570	15	30
T 1500	850	3.7	33	500	12	25
T 2100	700	3.3	15	350	11	20
T 2600	700	2.9	<1	300	1	5
T 3500	880	4.6	15	450	15	30
T 5500	750	4.5	<1	300	1	5

Heavy metals < 50 ppm (according to the Recommendation XXXVI/1 BgVV- German Federal Institute for Health Protection of Consumers and Veterinary Medicine).

Application

Sheet	Typical Application
T 120	Retention of activated carbon Fine clarification (e.g. polyurethane, polymethacrylates etc.)
T 500	
T 750	
T 950	Filtration of viscous oils and highly viscous oils
T 1000	
T 1500	
T 2100	
T 2600	Catalyst removal (e.g. from tensides and amines, from silicones etc.) Coarse / fine filtration Removal of salt / Removal of gels
T 3500	
T 5500	

The figures quoted in the diagrams and tables should be regarded as guidelines.

Important Note :

All information contained in this leaflet is based on today's 'State of the Art' knowledge. It does not claim to be complete, therefore no liability can be accepted. All users are advised to test our products to ensure they meet their specific requirements and to exercise all necessary care when in use. The information in the instruction manuals issued by us should be strictly observed. Departure from our specific instructions means we cannot accept any responsibility for damage which may result. Should you encounter specific problems, please contact our specialists. We reserve the right to make alterations without prior notice.

The following certificates are available:

- Technical Data sheet
- Certificate of Compliance with the Order according to DIN 50049-2.1/EN 10204-2.1
- EU Safety Data Sheet

The depth filters conform to the Recommendation XXXVI/1 BgVV (German Federal Institute for Health Protection of Consumers and Veterinary Medicine) and meet the requirements of the Lebensmittel- und Bedarfsgegenständegesetz - LMBG - (Foodstuff and other Commodities Act), in particular §§ 5, 30 and 31; they can be used for cold filtration of foodstuff without any reservation.



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