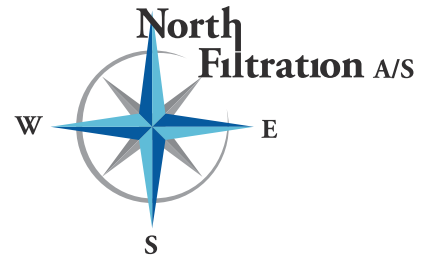


SEW198 ePTFE Mebrane

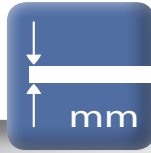
100% Polyester Laminated Membrane



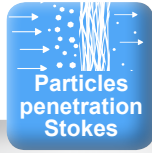
White
Weiss



2,6
Decitex



0,54
mm



0,008
%



260
gram



MD 450N/5cm Length
CD 450N/5cm cross

FILTER MEDIA DATA

SEW 198 is a 100% ePTFE coated spun bonded filter media that is manufactured from continuous non-woven fibre which do not permit particles to become embedded.

SEW 198 is a strong and high-pressure durable material that can be used for most dust applications.

This 100 % Spun bonded ePTFE coated media makes pulse cleaning easy in humid environments.



Dry
Trocken **100 Celsius**

Wet
Feuchte **90 Celsius**

Air Permeability | 200Pa
Luftdurchlässigkeit | 200Pa **355 m3/m2/hr**

Chemical Resistance | Chemische Eigenschaften

	Excellent Sehr Gut	Good Gut	Fair Mässig
Oil/water resistance Öl und Wasserabweisend	X	X	X
Hydrolysis resistance Hydrolysebeständigkeit	X	X	X
Acid resistance Säurebeständigkeit	X	X	X
Alkaline resistance Alkalienbeständigkeit	X	X	X



Certificate No.
ILK-B-33-24-2742

Phone +45 5460 2080

S.E.W. North Filtration A/S * Europavej 11 * DK-4930 Maribo
E-mail: sales@northfiltration.com * www.northfiltration.com * VAT no.: DK 33 49 28 71



Deutsche
Akkreditierungsstelle
D-PL-11043-02-00

ILK
DRESDEN



Test report: ILK-B-33-24-2742

Certificate

Number:	2024/02/33/106
Customer:	S.E.W. North Filtration A/S, Europavej 11, DK-4930 Maribo
Test specimen:	100 % Polyester ePTFE laminated membrane, white, inflow side marked by a label
Designation:	SEW198
Manufacturer:	S.E.W. North Filtration A/S, Europavej 11, DK-4930 Maribo
Date of testing:	2024/02/15 – 2024/02/20
Tested in accordance with:	IEC 60335-2-69:2021-04, appx. AA: AA.22.201.1: Filter material test
Assessment:	The filter material "SEW198" meets the requirements of dust class "M" according to IEC 60335-2-69:2021-04 appx. AA for the above mentioned test at a filter surface load of 200 m ³ /(m ² ·h).
Period of validity of the certificate:	Certificate has validity for all filter materials produced until 20 February 2027 , which are identical to the test specimen.

D. Keßlau

Tested and verified by
Dipl.-Ing. Dirk Keßlau

R. Heidenreich

Technical responsibility
Dipl.-Ing. Ralf Heidenreich

Dresden, 11 March 2024

Institut für Luft- und Kältetechnik gemeinnützige Gesellschaft mbH
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Fax: +49-0351-4081-5398 | www.ilkdresden.de


Air permeability		ILK DRESDEN			
Current number:	09022024_1020				
Operator:	E. Schmieder, B.Sc.				
Measuring instruments:	Air permeability:		Air permeability tester L14 DR		
	Differential pressure:	Measuring chain: Pressure sensor XLDP2 (33/310); data transducer model Ecograph RSG35, Ser-No.: P304A104428 (33/978)			
Task:	Determination of air permeability				
Customer:	S.E.W. North Filtration A/S				
Contact:	L. Pedersen				
Sample type:	100% Polyester ePTFE laminated membrane				
	Date:	2024/02/09			
	Test conditions	Pa	delta P		
	Air temperature:	24	°C		
	Barometric pressure:	976.5	hPa		
	Air humidity:	45	%		
Designation	MP 1	MP 2	MP 3	MP 4	Mean value
	l/m^2*s				
SEW198 #01	110	105	90	80	96
SEW198 #02	85	90	90	85	88
SEW198 #03	90	95	80	90	89
SEW198 #04	100	100	100	100	100
Mean value [$l/(m^2*s)$]					93
Mean value [$l/(dm^2*min)$]					56
Mean value [$m^3/(m^2*h)$]					335
	Signature: <i>Dirk Keßler</i>				
LD200_Flächengewicht_Rev.1.5-2024-01-18					

Figure 4 Test protocol air permeability (LD200), SEW198