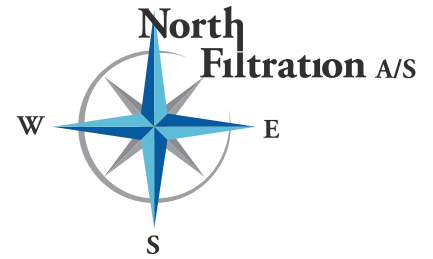


SEW140

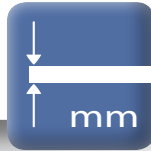
100% Polyester



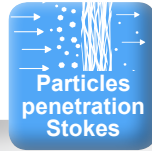
White
Weiss



1,8/2,2
Decitex



0,61
mm



0,07
%



269
gram



MD 512,4N/5cm Length
CD 518,3 N/5cm cross

FILTER MEDIA DATA

SEW 140 is a 100% spun bonded filter media that is manufactured from continuous woven fibre which do not permit particles to become embedded.

SEW 140 is a strong and high-pressure durable material that can be used for most dust applications.

This 100% Spun bonded media makes pulse cleaning easy.



Dry
Trocken **100 Celsius**

Wet
Feuchte **90 Celsius**

Air Permeability | 200Pa
Luftdurchlässigkeit | 200Pa **492 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-FB-2025-0033

Phone +45 5460 2080

S.E.W. North Filtration A/S * Vesterbrogade1, Section C * DK-4930 Maribo
E-mail: sales@northfiltration.com * www.northfiltration.com * VAT no.: DK 33 49 28 71



ILK
DRESDEN



Accredited according to DIN EN ISO/IEC 17025:2018 as a testing laboratory. The accreditation only applies to the procedures listed in the accreditation certificate.

Certificate

Test report summary: ILK-FB-2025-0033

Customer: S.E.W. North Filtration A/S, Europavej 11, 4930 Maribo, Denmark

Test specimen: 100 % polyester, white, inflow side marked by the customer

Designation: SEW140

Manufacturer: S.E.W. North Filtration A/S, Europavej 11, 4930 Maribo, Denmark

Date of testing: 2025/01/30 – 2025/01/31

Tested in accordance with: IEC 60335-2-69:2021-04, appx. AA: AA.22.201.1: Filter material test

**Summary
Test results /
Assessment:**

Tested filter surface load: 200 m ³ /(m ² ·h)	According to IEC 60335-2-69:2021-04 Annex AA, Table AA.1	
Test result penetration rate (see test report ILK-FB-2025-0033, p. 6)	Requirement penetration rate	Dust class
0.030 %	< 0.1 %	M

Based on the decision rule of the accredited test scope according to standard IEC 60335-2-69:2021-04 Annex AA, Table AA.1, the tested filter material "SEW140" meets the requirements of dust class M at a filter surface load of 200 m³/(m²·h).

Recommendation for retesting:

For quality assurance purposes, we recommend retesting the material of the test specimen starting from 31 January 2028.

D. Keßlau

Tested and verified by
Dipl.-Ing. Dirk Keßlau

P. Heidenreich

Technical responsibility
Dipl.-Ing. Ralf Heidenreich

Dresden, 28 January 2025

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:	18022025_0818				
Operator:	E. Schmieder, B.Sc.				
Measuring instruments:	Air permeability: Air permeability tester L14 DR				
Differential pressure:	ManoAir 600; TSR Messtechnik; TSI; Device 33/337				
Task:	Determination of air permeability				
Customer:	S.E.W. North Filtration A/S				
Contact:	Mr. Pedersen				
Sample type:	100% Polyester				
Date:		2025/02/18			
Test conditions		Pa	delta P		
Air temperature:	19 °C				
Barometric pressure:	1013.6 hPa				
Air humidity:	27.1 %				
Designation	MP 1	MP 2	MP 3	MP 4	Mean value
	l/m^2*s				
SEW140 #01	170	160	135	160	156
SEW140 #02	110	125	155	125	129
SEW140 #03	120	140	145	130	134
SEW140 #04	130	145	130	105	128
Mean value [$l/(m^2*s)$]					137
Mean value [$l/(dm^2*min)$]					82
Mean value [$m^3/(m^2*h)$]					492
Signature: <i>Dirk KefBlau</i>					
LD200_Flächengewicht_Rev.1.8-2024-06-18					

Figure 4 Test protocol air permeability (LD200), SEW140