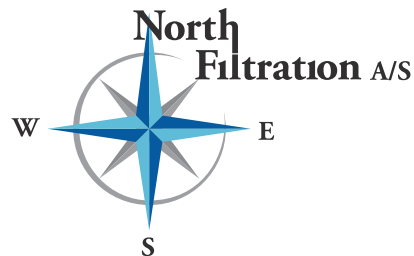


SEW235 FR

Blended 85/15 Flame Retardant



White Weiss	- Decitex	0,49 mm	0,092 %	139 gram	MD-N/A CD -N/A

FILTER MEDIA DATA

SEW235FR is a 85/15 blended Cellulose Filter media with synthetic fibers, no curing and latex impregnation with flame retardant coating

SEW 235FR has high tensile strength for long pulse jet cleaning cycles.



Dry
Trocken **85 Celsius**

Wet
Feuchte **75 Celsius**

Air Permeability | 200Pa
Luftdurchlässigkeit | 200Pa **729 m3/m2/hr**

Chemical Resistance | Chemische Eigenschaften

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



Certificate No.
05E0H01 EG FF

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



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-B-33-24-2811

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

Test specimen: Blended 85/15 Flame Retardant, white, corrugated, inflow side marked by a label

Designation: SEW235

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

Date of testing: 2024/09/25 – 2024/09/26

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-B-33-24-2811, p. 6)	Requirement penetration rate	Dust class
0.056 %	< 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 "SEW235" 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 26 September 2027.

Tested and verified by
Dipl.-Ing. Dirk Keßlau

Technical responsibility
Dipl.-Ing. Ralf Heidenreich

Dresden, 10 October 2024

Air permeability					
Current number:	01102024_1600				
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:	Blended 85/15 Flame Retardant				
Date:		2024/10/01			
Test conditions		Pa	delta P		
Air temperature:	25.8 °C				
Barometric pressure:	994 hPa				
Air humidity:	40.5 %				
Designation	MP 1	MP 2	MP 3	MP 4	Mean value
$l/m^2 \cdot s$					
SEW235 #01	210	200	205	200	204
SEW235 #02	200	185	190	195	193
SEW235 #03	210	215	210	215	213
SEW235 #04	190	195	210	210	201
Mean value [$l/(m^2 \cdot s)$]					203
Mean value [$l/(dm^2 \cdot min)$]					122
Mean value [$m^3/(m^2 \cdot h)$]					729
Signature:					
LD200_Flächengewicht_Rev.1.8-2024-06-18					

Figure 4 Test protocol air permeability (LD200), SEW235