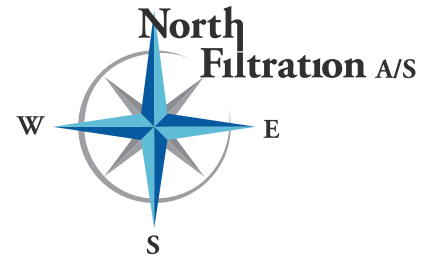


SEW240

85% Cellulose 15% Polyester with NANO fibers FR



White Weiss	- Decitex	0,5 mm	0,01 %	130 gram	MD 21 N/5cm Length CD 19N/5cm cross

FILTER MEDIA DATA

SEW 240 FR is a blended Cellulose Filter 85/15 with a lamination of NANO fibers.

SEW 240 FR has a very high efficiency for fine particles due to the lamination of polyester NANO fibers.



Dry
Trocken **75 Celsius**

Wet
Feuchte **65 Celsius**

Air Permeability | 200Pa
Luftdurchlässigkeit | 200Pa **716 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-33-24-2810

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-33-24-2810

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

Test specimen: 85 % Cellulose 15 % Polyester with NANO fibers, FR, corrugated, slightly yellowish, inflow side marked by a label

Designation: SEW240

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

Date of testing: 2024/09/19 – 2024/09/20

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-33-24-2810, p. 6)	Requirement penetration rate	Dust class
0.015 %	< 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 "SEW240" 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 20 September 2027.

Tested and verified by
Dipl.-Ing. Dirk Keßlau

Technical responsibility
Dipl.-Ing. Ralf Heidenreich

Dresden, 10 October 2024

Institut für Luft- und Kältetechnik gemeinnützige Gesellschaft mbH
Bertolt- Brecht- Allee 20 01309 Dresden | Phone: +49-351-4081-5360
Fax: +49-0351-4081-5398 | www.ilkdresden.de

