

Filter media

Ti 26

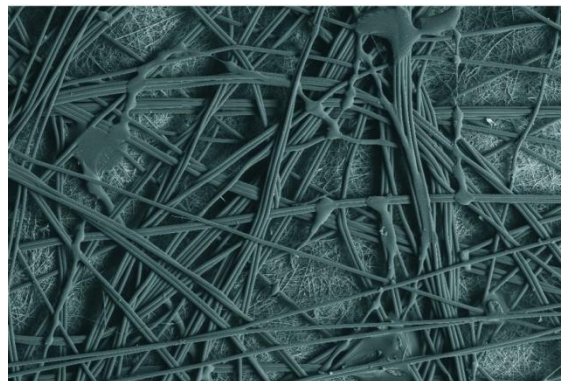
Glass fibre, laminated on both sides with PET

1. Features

The filter material Ti 26 consists of a micro glass fibre fleece with polyester spun-bonded fleece laminated on both sides. This results in improved resistance and stiffness of the material. Ti 26 is characterized by a high retention of the particulate material. Filter elements made of this material are generally used as secondary filters that cannot be cleaned.

Characteristics

- Very high separation efficiency
- High mechanical strength
- Compliance with the requirements of DIN EN 60335-2-69/Dust class "H" and EN 1822-3 class "H14" at $v \leq 1\text{m/min}$
- Filter media is conform to regulations (EC) No. 1935/2004 and (EU) No. 10/2011 as well as FDA 21 CFR CH. I §177.1630 requirements
- Worldwide distribution

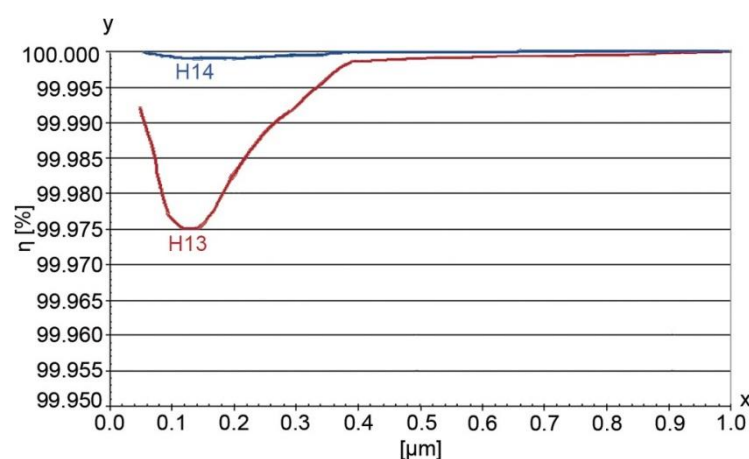


2. Technical data

Type	Material	Material thickness [mm]	Weight [g/m²]	Air permeability [m³/m²h]	max. operating temperature [°C]	Test certificates/ dust classes
Ti 26	Glass fibre, laminated on both sides with PET	0.70	230	95 at Δp 200 Pa	120 (permanent)	DIN EN 60335-2-69 "H" EN 1822-3 "H14"

Technical data is subject to change without notice!

3. Filtration efficiency



Filtration efficiency:

H13 at $v = 3.5$ m/min > 99.95 %

at $0.1 \mu\text{m}$

H14 at $v = 1$ m/min

> 99.995 %

at $0.1 \mu\text{m}$

Test conditions

Mass concentration: 200 mg/m³

Test dust: DEHS

x = Particle size [μm]

y = Filtration efficiency η [%]

These values may vary depending on the nature of the dust, the composition of the gas and the cartridge design.

4. Chemical resistance/mechanical properties

Chemical resistance	Very good	Good	Limited		Mechanical properties	Very good	Good	Limited
Humidity		x			Surface quality (smoothness)		x	
Hydrolysis			x		Stability	x		
Acids		x			Abrasion resistance		x	
Alkalis			x		Cleanability (jet pulse)			x
Solvents		x			Washability			x

These properties are of a purely qualitative valuation and depending on the nature of the dust, the composition of the gas and the operating conditions (e.g. temperature).

5. Design

Please contact us for detailed technical information, any open questions and for general expert advice.

Completion of the relevant questionnaire would facilitate in the coordination of all the important parameters.

Comprehensive documentation on our product range, cleaning units and cartridges can be provided.

Your Contact

FILCOM GmbH
Schönbuchstr. 1
D-73760 Ostfildern

Phone: +49 (0) 711-4413322-0
Fax: +49 (0) 711-4413322-22
Mail: info@filcom.de

www.filcom.de

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