

HIFYBER® – FM

HF-SPS55-FM33

HF-SPS55-FM33 is a multilayered nanofiber facemask media for use in disposable respirators that meet FFP3 classification according to EN 149.

TECHNICAL DATA SHEET

	Metric	English
Basis Weight	55 ±5 g/m ²	34 ±3 lbs/3000ft ²
Thickness	0.15 ±0.02 mm	0.006 ±0.001 in
Tensile Strength MD	120 ±10 N/5cm	14 ±1 lb/in
Tensile Strength CD	55 ±5 N/5cm	6 ±1 lb/in
Air Permeability	120 ±10 l/m ² .s@200 Pa	15 ±1 cfm @125 Pa
Resistance	260 ±15 Pa	26.5 ±1.5 mm H ₂ O
Penetration	max.1 %	max.1 %

- Tests performed according to EN 149
- Test aerosol: NaCl,
- Air flow rate: 95 L/min,
- Media velocity: 15.82 cm/s

Applications

- Typically applications,
- Sawmills,
- Engineering,
- Quarrying,
- Pharmaceuticals,
- Paint manufacture,
- Construction,
- Laboratories,
- Agrochemical

Features

- The media is engineered to provide maximum protection against fine dust particles, fumes, smoke, mist, organic vapors, and gases
- The unique media design provides easy breathability and wearer comfort
- Works on pure mechanical filtration, no efficiency decrease due to charge decay

Disclaimer: All product data and statements are indicative of typical properties and characteristics obtainable. This data sheet is to be used as a guide and not as a specification sheet. Açık Kart Bilgi Teknolojileri makes no representation or warranty except as otherwise agreed to in writing between the parties.

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