

HIFYBER® – FM

HF-SPS55-TYPE I

HF-SPS55-TYPE I is a multilayered nanofiber facemask media for use in disposable respirators that meet TYPE I classification according to EN14683:2019+AC : 2019 (TS EN14683+AC:2019).

TECHNICAL DATA SHEET

	Target		Test Method
	Metric	English	
Basis Weight	55 ±5 g/m ²	34 ±3 lbs/3000ft ²	TAPPI 410
Thickness	0.15 ±0.02 mm	0.006 ±0.001 in	TAPPI 411
Tensile Strength MD	120 ±10 N/5cm	14 ±1 lb/in	TAPPI 494
Tensile Strength CD	55 ±5 N/5cm	6 ±1 lb/in	TAPPI 494
Differential Pressure	19.0 Pa/cm ²		
Bacterial Filtration Efficiency(%B)	%96.6		EN 14683:2019+AC :2019
Class	Type I		

- Test Flow Rate : 28,3 L/min
- Test Area : 4.9 cm²
- Mean Particle Size (MPS) : 3.0 µm

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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