

HIFYBER® – FM

**HF-SPS55-FM22**

HF-SPS55-FM22 is a multilayered nanofiber facemask media for use in disposable respirators that meet FFP2 classification according to EN 149.

**TECHNICAL DATA SHEET**

	<b>Metric</b>	<b>English</b>
Basis Weight	55 ±5 g/m <sup>2</sup>	34 ±3 lbs/3000ft <sup>2</sup>
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	170 ±15 l/m <sup>2</sup> .s@200 Pa	21 ±2 cfm @125 Pa
Resistance	185 ±15 Pa	18.9 ±1.5 mm H <sub>2</sub> O
Penetration	max.6 %	max.6 %

- 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.

**Açık Kart Bilgi Teknolojileri Ticaret Anonim Şirketi****Denizli | Headquarters |**

Sümer Mahallesi  
Çal Caddesi No :78  
Denizli

Tel : +90 258 251 50 57  
Tax No : 005 053 7834

**İstanbul | Office |**

Maslak Mahallesi Sanatkarlar Sok.  
Eclipse Maslak Sitesi No:2 D/22  
Sarıyer / İSTANBUL

Tel : +90 212 330 05 15