

Description:

CE-Force disposable 3-ply non-woven facemask is made of polypropylene material as outer layers with a high filtration melt-blown polypropylene material as the filtering layer and a pliable flat noseband.

Features:

- Ideal for clean production/processing & clinical/healthcare environments
- PFE (Particle Filtration Efficiency) > 95%
- BFE (Bacteria Filtration Efficiency) >95%
- Hypoallergenic
- Splash resistant



Packaging:

50 pcs/double bag/box, 40 boxes/case (2,000/case)

Color:

White

Technical Data:

Materials	
Filtration Layer	100% melt blown polypropylene
Inner / Outer layers	100% spunbond polypropylene
Earloop	Floss-covered elastic loop

Physical Properties		
Tensile Strength	MD	61.5 Mpa
	CD	20.5 Mpa
Elongation (Dry)	MD	16.30%
	CD	29.10%
Average Particle Filtration Efficiency¹: <i>PFE (%), @ 0.1 microns</i>		99.79%
Average Bacterial Filtration Efficiency²: <i>BFE (%), @ 3.1 micron</i>		99.74%
Differential Pressure³, <i>ΔP in mm H₂O, @ 8 LPM flow rate</i>		44.29 Pa/cm ²
Synthetic Blood Penetration⁴: <i>80mmHg (10.7kPa)</i>		Pass

Test methods and conditions:

1 - PFE Test method: ASTM F2299, w/some exceptions; notably the procedure incorporated a non-neutralized challenge.

2 - BFE Test method: ASTM F2101-19 and EN 14683:2019, Annex B.

3 - ΔP Test method: EN 14683:2019, Annex C and ASTM F2100-19.

4 - ASTM F1862 and ISO 22609

Contamination Characteristics		
APC	(0.5um)	<300 counts/pc