

FILTER DF01 PROTECTION

Disposable stratified filter Compliant with UNI EN 14683 Type: II and EN ISO 10993

Features:

- Filter material in synthetic polyester
- Three heat-sealed SMS layers Binder-free, latex-free, glue-free: Spunbond (PET) + Meltblown (PBT) + Spunbond (PET).
- Water repellent
- Color: White
- Use: Facial mask

Dimensions:

Diameter: mm 55 (± 1)
Thickness: μm 450 (0,45 mm)

INSTALLATION ON DROP MASK

Filtering characteristics

Positioned in the central housing compartment of the mask body, it maintains the same filtering characteristics in both directions, inspiration and exhalation.

PHYSICAL PROPERTIES	CONDITIONS	UNIT OF MEASURE	STANDARD/MET. DI PROVA	VALUE
Grammage	/	g/m ²	ISO536 - TM-CQ/004	70
Thickness	2 kPa	μm	ISO3034 - TM-CQ/005	450
Air permeability	2mBar/100cm ²	L/m ² /s	ISO9237 - TM-CQ/027	280
Breathability	Pressure drop a 27.2 cm/s	Pa/cm ²	EN14683:2019	< 40 (test report 36,7)
Bacterial filtration efficiency (B.F.E.)	28.3 ± 0.2 L/min 50.3 cm ² aerosol di <i>Staphylococcus Aureus</i>	%	EN14683:2019	≥ 98% (test report 99,95%)
0.3 μm efficiency	8 cm/s (NaCl 2% aerosol by TSI 8130A bench)	%	/	85
0.3 μm efficiency	8 cm/s (DEHS aerosol by PALAS MFP-1000 bench)	%	/	70
0.6 μm efficiency				90
Penetr. particolato filtro dim part aerosol 3 μm	Air flow through filter material during test 28,3[Nl/min] NaCl in acqua 0,45 [%vol]	%	EN13274-7:2019	4,9% (test report) (filtering efficiency 95,10%)

The measurements and data are produced using the manufacturer's internal methods based on recognized standards, obtained from typical production cycles and performed on flat sheet metal without conditioning.



Warning:
Handle the filters carefully only after washing your hands for 60 seconds with soap and water or alternatively use surgical gloves.



Filters and gloves must be disposed of with unsorted waste but stored in a special closed bag to avoid possible direct contact with ecological operators.



NOTE: The information contained in this document is indicative and must not be interpreted as a guarantee. All implied guarantees are expressly denied. All data are subject to change according to the manufacturer's provisions. Refer to www.dropmask.it for contact information