

UFI FILTERS FILTER MEDIA DATASHEET



UFI CODE 29.F90.260

APPLICATION(s) Suitable for Surgical Masks (1x) and FFP2 Facemask (2x)

MEDIA COMPOSITION

Layers p.n. 100% Melt Blown - Made in Italy

Layers Particulate air filter - Can be used both sides with same characteristic

Base Material(s) Content Polypropylene 99% - Charge additive 1%

Resin / Binder Type No Resin / Binder

PROPERTY	UNIT	TEST METHOD	VALUE 1x	VALUE 2x
Basis Weight	g/m ²	ISO 9073-1	25	50
Thickness	mm	ISO 9073-2 – 0.5 kPa	0.3	0.6
Air permeability	l/m ² s	ISO 9237:1995 200Pa	380	190

PERFORMANCES	UNIT	TEST METHOD	VALUE 1x	VALUE 2x
Filtration Efficiency	%	DEHS UNI EN 149: 2009	> 80%	> 96%
Filtration Efficiency	%	NaCl UNI EN 149: 2009	> 94%	> 99%
Bacterial Filtration Efficiency (BFE)	%	UNI EN 14683:2019	> 98%	
Pressure drop	Pa / cm ²	UNI EN 14683:2019	< 40	

This is not a classification (FFPx-grades) according EN149
EN149 describes several additional tests and requirements on finished masks (ie usage and efficiency tests after different storage and conditioning simulations as well as mechanical strength tests in real use, etc)

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