

CUSTOMER FILTER MEDIA DATASHEET



UFI CODE 29.F84

APPLICATION(s) Suitable for Surgical Facemask

MEDIA COMPOSITION

LAYERS P.N. 29.F84

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

BASE MATERIAL(s) CONTENT Polypropylene 100%

RESIN/BINDER TYPE No Resin / Binder

PROPERTY	UNIT	TEST METHOD	REFERENCE VALUE
BASIS WEIGHT	[g/m ²]	ISO 9073-1	45
THICKNESS	[mm]	ISO 9073-2 – 0.5 kPa	0.65
AIR PERMEABILITY	[l/m ² s]	ISO 9237:1995 200Pa	300

PERFORMANCES	UNIT	TEST METHOD	VALUE
FRACTIONAL FILTRATION EFFICIENCY	%	UFI PM2924 Face Velocity = 16 cm/s Test time 10 min Powder NaCl	0.3µm > 65% 0.6µm > 80%
Particulate Filtration Efficiency (PFE)	%	UNI EN 14683:2019	> 65%
Bacterial Filtration Efficiency (BFE)	%	UNI EN 14683:2019	> 95%
PRESSURE DROP	Pa / cm ²	UNI EN 14683:2019 Face Velocity = 27.2 cm/s	< 40

These measurements are obtained from typical production runs and performed on flat sheet without conditioning.

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