

UFI FILTERS FILTER MEDIA DATASHEET



UFI CODE	29.F86
APPLICATION(s)	Suitable for Surgical Facemask

MEDIA COMPOSITION

LAYERS P.N.	29.F86 - 100% Melt Blown
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	25
THICKNESS	[mm]	ISO 9073-2 – 0.5 kPa	0.25
AIR PERMEABILITY	[l/m ² s]	ISO 9237:1995 200Pa	350

PERFORMANCES	UNIT	TEST METHOD	VALUE
Particulate Filtration Efficiency (PFE)	%	The test method takes into account and adapt to the context the UNI EN 14683: 2019, UNI EN 149: 2009, UNI EN13274 standards	> 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.

July 2020 – Revision 2

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All specifications and explicit representations and warranties will be agreed to in a separate written agreement between the parts All users of the material are responsible for assuring that it is suitable for their needs, environment and end use. All data is subject to change as UFI deems appropriate.