

# Filtros de membrana de PTFE Hidrofóbico MTF/H, CHMLAB®

Ref.: CHM.MTF | Categoría: Filtros de membrana

## Descripción

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They are made purely of PTFE (polytetrafluoroethylene) and are therefore permanently hydrophobic.

Unlike other (hydrophilic) filter types, they are not wetted by air humidity, allowing unhindered passage of air at low differential pressures.

PTFE membrane filters have an excellent chemical compatibility, so they are also used for the filtration of aggressive chemicals, and acids, to which other filter types are not resistant.

Due to their hydrophobic characteristics, they must be pre-wetted with ethanol or methanol before the filtration of aqueous media.

The main application of this membrane filter type is air/gas filtration



### Features:

Naturally hydrophobic

Compatible with strong acids and aggressive solutions

Allowing passage of air even at low differential pressure

Sterilisation by at 121 °C or 134°C or by ethylene oxide

Extractables with water not detected

### Applications:

Filtration of strong acids and aggressive solutions

Clarifying corrosive substances, strong acids and alkalis (0.45 µm)

Clarification of samples and mobile phases of HPLC and GC (0.45 µm)

Sterilisation of air and gases (0.2 µm)

Venting applications



## Especificaciones técnicas

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Referencia	Poros (µm)	Ø(mm)	Esterilidad	Presentación	Env.
MTF020013H/H	0.2	13	No	Caja 100	1
MTF020025H/H	0.2	25	No	Caja 100	1
MTF020047H/H	0.2	47	No	Caja 100	1
MTF020050H/H	0.2	50	No	Caja 100	1
MTF020090T/H	0.2	90	No	Caja de 25	1
MTF020142T/H	0.2	142	No	Caja de 25	1
MTF045013H/H	0.45	13	No	Caja 100	1
MTF045025H/H	0.45	25	No	Caja 100	1
MTF045047H/H	0.45	47	No	Caja 100	1
MTF045050H/H	0.45	50	No	Caja 100	1
MTF045090T/H	0.45	90	No	Caja de 25	1
MTF045142T/H	0.45	142	No	Caja de 25	1
MTF100025H/H	1	25	No	Caja 100	1
MTF100047H/H	1	47	No	Caja 100	1
MTF100142T/H	1	142	No	Caja de 25	1
MTF500025H/H	5	25	No	Caja 100	1
MTF500047H/H	5	47	No	Caja 100	1
MTF500142T/H	5	142	No	Caja de 25	1