



POREX® Porous PTFE Medical Materials

Material Datasheet

MD25

PARAMETERS	VALUE	UNIT OF MEASUREMENT
BACTERIAL FILTRATION EFFICIENCY	> 99.9999%	ASTM F2101 ¹ (nominal)
WATER ENTRY PRESSURE (WEP)	Min 750, Typical 1000	mbar
AIR FLOW	Min 2, Typical 5	l/hr/cm ² Δp 70mbar
THICKNESS	0.19	mm (nominal)

ADDITIONAL INFORMATION

- Can be supplied in format of:
 - Rolls (10mm-330mm width) on 75mm core
 - Sheets
 - Discs
- Assembly suggestions:
 - Ultrasonic welding
 - Thermal welding
 - Over-moulding
 - Pressure sensitive Adhesive
 - Compression seal
- Sterilisation method:
 - Steam/Autoclave (repeated use)
 - EtO
- Raw material is compliant with:
 - FDA 21CFR 177.1550
 - USP 28, NF 23, 2005, for USP Class VI Plastics at 70°C



¹ ASTM F2101 was adapted to employ a more severe challenge. Test conditions and data available on request.

Disclaimer

This standard sample is for evaluation of form, fit, and function to determine product specification requirements for custom products. Please reference the values in our data sheet for specification guidelines of standard products. In Vitro Diagnostic (IVD), medical-surgical and pharmaceutical samples are for investigational use only and subject to specific application, test condition and regulatory requirements.



www.porex.com
800.241.0195
MD-MD25 Rev. 2

Porex Corporation
500 Bohannon Road,
Fairburn, GA 30213
USA

info@porex.com
T. +1 770 964 1421
F. +1 770 969 0954

Porex Technologies GmbH
Strangenhäuschen 30,
52070 Aachen,
Germany

info@porex.de
T. +49 241 910525-0
F. +49 241 910525-16

Porex Technologies Ltd.
Merlin House, Alness Point
Business Park Alness,
Ross-shire IV17 0UP,
Scotland, UK

infoPTFE@porex.com
T. +44 1349 884060
F. +44 1349 884076

Porex Technologies Sdn Bhd
Lot P.T. 74, Jalan Hulu Tinggi 26/6,
Seksyen 26, Sektor A
Hicom Industrial Park, 40400 Shah Alam,
Selangor, Malaysia

info_malaysia@porex.com
T. +603 5191 3308
F. +603 5192 3308