



# POREX<sup>®</sup> Porous PTFE Materials

## Material Datasheet

### PMP31

PARAMETERS	VALUE	UNIT OF MEASUREMENT
BACTERIAL FILTRATION EFFICIENCY	> 99.9 %	ASTM F2101 <sup>1</sup> (nominal)
PMAX % PENETRATION	0.039	ASTM F2638
AIR FLOW (ATEQ)	Min 70, Typical 125	l/hr/cm <sup>2</sup> Δp 70mbar
GURLEY	4.0	Seconds/100cc (nominal)
THICKNESS	0.14	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
  - Pressure Sensitive Adhesive
- Sterilisation Methods:
  - Steam
  - EtO
- Material can be ink printed
- Raw material is compliant with:
  - USP 28, NF 23, 2005, for USP Class VI Plastics at 70°C
  - FDA 21CFR 177.1550



<sup>1</sup> 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.



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