

POREX Virtek® PTFE:

Robust and durable sintered PTFE
membranes



Manufacturing facility: Aness, Scotland



Facility

- 2,300m² footprint
- 1,000m² class 8 cleanroom manufacturing
- QC and product development laboratories
- Warehouse and distribution centre

Site certifications

- Quality - ISO:9001
- Safety - OHSAS:18001

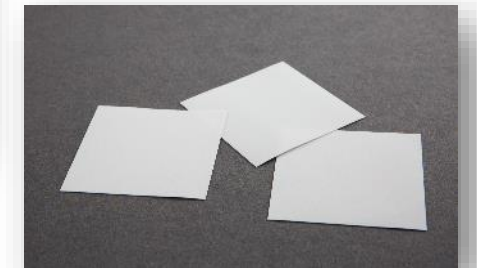
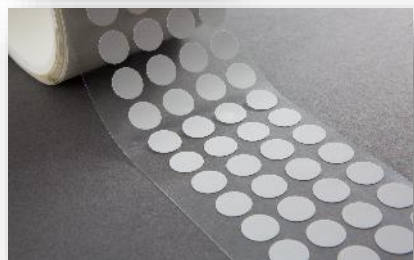
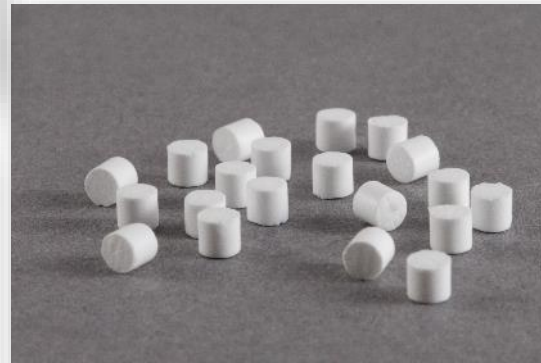
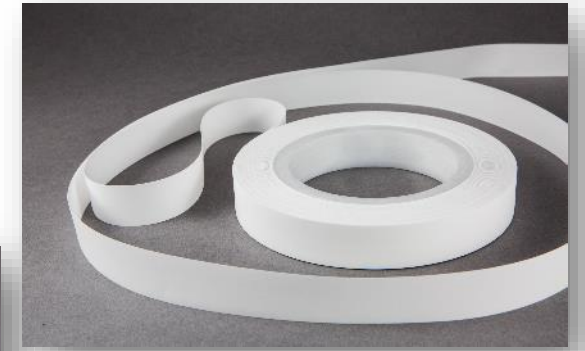


Range of material options

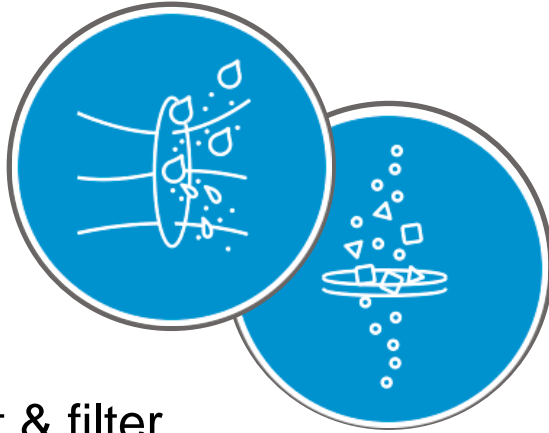


- **Master roll:**
 - 330mm wide
 - Thickness from 0.1mm - 3.0mm
 - Roll length dependent on thickness (3m – 100m)
- **Converting options:**
 - **Slit Rolls**
 - 8mm minimum width (for most materials)
 - Provided on 76mm (3") ID plastic cores
 - **Die-cutting**
 - Minimum 3mm diameter
 - Minimum 5mm diameter if with adhesive
 - Custom Shapes
 - Robotic Frit cutting for thicker membranes
 - **Adhesive Discs**
 - Numerous stock, standard and custom size/shapes available
 - **Lamination**
 - PP / PE scrim options available
 - Adhesive backing

Material format possibilities



Solving your design challenges with porous PTFE membrane



vent & filter

Exchange of air, fumes, a gas, or water vapor while acting as fluid, dust or bacteria barrier



reflectivity

Property of diffusively reflecting light or radiation



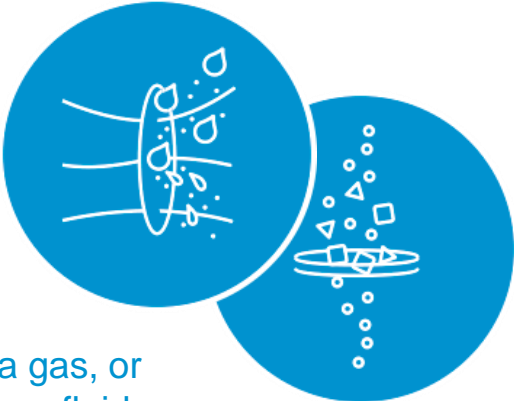
support / separation

Low di-electric constant substrate for antennae systems or inert porous layer to allow gas or liquid flow

Your partner in **PTFE filtered venting** solutions for **medical applications**

vent & filter:

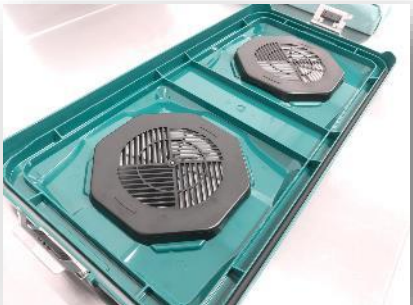
exchange of air, fumes, a gas, or water vapor while acting as fluid, particulate and bacteria barrier



Spike & infusion set vents



Safety IV catheter vents



Sterilization container filters



Ostomy bag vents

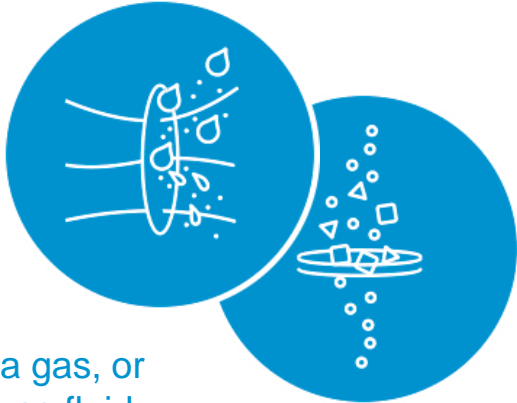


Drug delivery vents

Your partner in PTFE filtered venting solutions for electronics applications

vent & filter:

exchange of air, fumes, a gas, or water vapor while acting as fluid, particulate and bacteria barrier



Protection vents

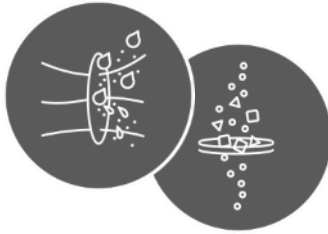


Sensor components



Refillable printer cartridge vents

Your partner in **PTFE reflectivity** solutions for **UV water & air disinfection** applications



reflectivity:

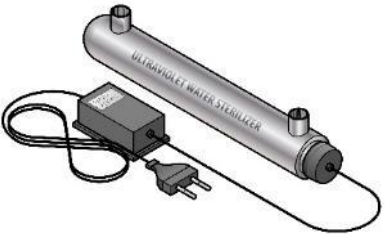
property of reflecting light or radiation



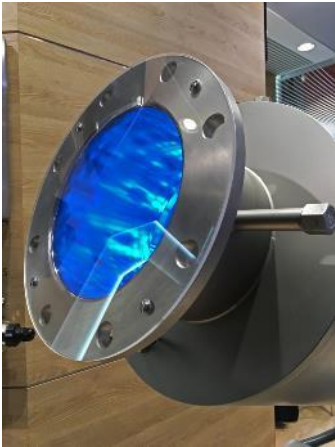
Air disinfection



POU water disinfection

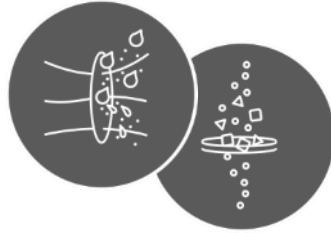


POU water disinfection



Water disinfection

Your partner in **PTFE reflectivity** solutions for **other UV** applications



reflectivity:

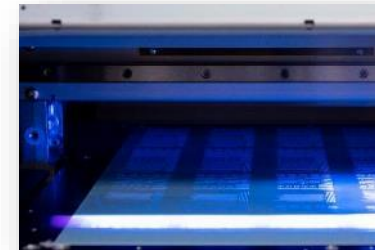
property of reflecting light or radiation



Medical
phototherapy

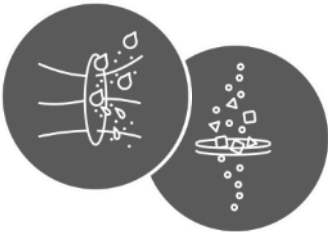


Surface
disinfection



UV
curing

Your partner in **PTFE** support & separation solutions



support & separation:

Low di-electric constant substrate for antennae systems or inert porous layer to allow gas or liquid flow



SPE & protein precipitation media for chromatography



Airplane satellite antennae system dielectric layer