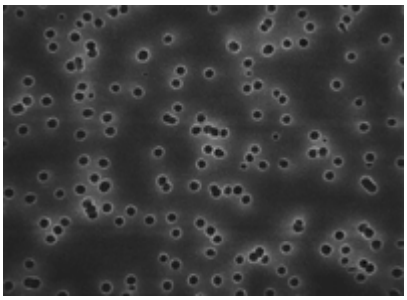
# Isopore™ Membrane Filter



The Isopore membrane is a polycarbonate, track-etched screen filter recommended for all analyses in which the sample is viewed on the surface of the membrane. Isopore membrane offers distinct advantages for the analysis of airborne contaminants and other particles using optical or electron microscopy. The Isopore membrane is composed of polycarbonate film, which has a smooth, glass-like surface for clearer sample observation. The unique manufacturing process of the membrane ensures a precise pore diameter and a consistent pore size for accurate separation of samples by size. Isopore membranes do not stain resulting in low background interference. Clearing is not necessary for most transmitted light microscopy. Matched-weight filters are not usually required because of low, constant tar and ash weights. Isopore membranes are non-hygroscopic, which permits rapid drying and reduced sample analysis time.

**Color: white**

**Surface: plain**

**Wettability: hydrophilic**

**Thickness: 7–22 µm**

**Porosity: 5–20%**

**Sterilization: by autoclave (121 °C at 1 bar), EO or gamma***

**Gravimetric extractables: < 1.0%**

| Applications | Filter Code* | Color | Pore Size (µm) | Bubble Point (bar) | Water Flow Rate (mL/min/cm$^2$) | Refractive Index |
|---|---|---|---|---|---|---|
| Adsorbable organic halides (AOX), air monitoring, particle monitoring | HTTP | White | 0.4 | ≥2 | 18 | 1.6 |
| Chemotaxis, bioassays, cytology, air monitoring, SEM analysis, sterility testing | GTTP | White | 0.22 | ≥3.5 | 6 | 1.6 |

## Product

- ✓ GTTP02500 Isopore Membrane, polycarbonate, Hydrophilic, 0.22 µm, 25 mm, white, plain — 100/Pk.
- ✓ HTTP02500 Isopore Membrane, polycarbonate, Hydrophilic, 0.4 µm, 25 mm, white, plain — 100/Pk.

ABSOTEC
Malaysia - Thailand

ABSOTEC CO., LTD.
70/26 Moo 5, Lumlugga Klong 6, Bungkumploy,
Lumlugga, Pathumthani 12150 Thailand
Tel: +66 (0) 2532 6103
Tel: +66 (0) 2178 2553
Fax: +66 (0) 2532 6102
E-mail: enquiry@absotecthailand.com
URL: http://www.absotecthailand.com
URL: http://www.greeninnotec.com