

FORBLUE™
sunsep

CREATION THROUGH SEPARATION

■ FORBLUE™ sunsep is a non-porous water-selective membrane that allows both rapid gas drying and dehumidifying.

Only moisture is rapidly transferred

Minimal loss of the product gases that are being dried or humidified.

Both drying and humidification are possible

Membranes can move moisture from higher humidity gas to lower humidity gas (as a humidification source, water can be used as well).

Ecological value

Because the driving force is the humidity differential between gases, no energy input is required.



Wide variety of sizes

Highly durable
& corrosion-resistant

Flexible



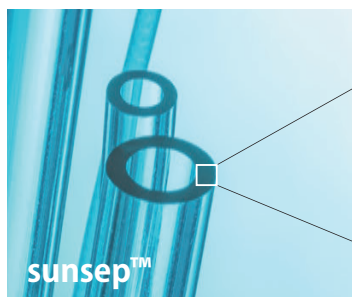
sunsep™ membranes are being used around the world in such applications as the humidification of oxygen and other specialty gases, the drying of sample gases, and many more.

Please feel free to contact AGC Engineering for any inquiries regarding sunsep™.

www.aged.co.jp sunsep.aged@aged.co.jp

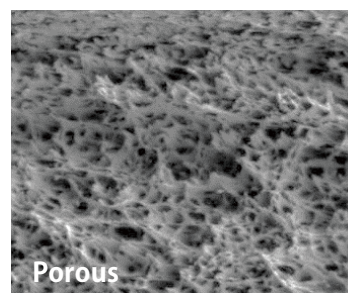
Features of Non-Porous Membranes

Other companies use porous membranes to remove moisture, but this allows substances that are smaller than the pores to escape along with the moisture. FORBLUE™ sunsep membranes are non-porous, minimising the transfer of gases other than moisture.



Non-porous membranes

VS.



Porous

Cross-section of hollow fibre membranes, enlarged 25,000x. It is easy to see the difference between porous and non-porous membranes.