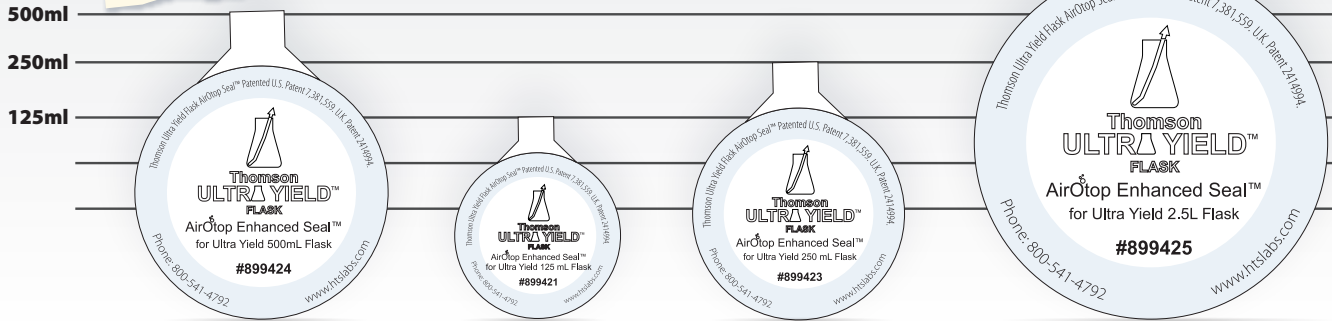


Our AirOtop Lineup
for the Best Aeration Seal!



Tin Foil
Can NOT Breathe



AirOtop
CAN Breathe



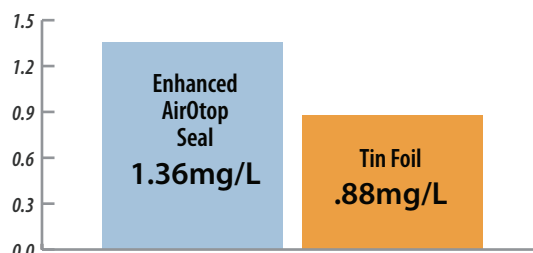
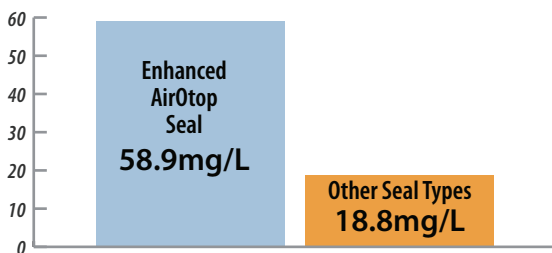
Thomson Enhanced AirOtop™ Seals

Enhanced AirOtop™ Seals (patented) are disposable, high gas exchange, sterile, simple seals for all shake flasks. Properties of the seal include a 0.2µm sterile barrier with a resealable membrane for use with Ultra Yield™ Flasks as well as other brand flasks. Multiple sizes are available to work with most commercially available shake flasks. Testing has been conducted by multiple customer with great results of up to 24 hours of growth. This testing included Protista (Algae), *E.coli* and other microbes which, has all resulted in improved growth and more aerobic growth. Also, showing that the pH of the cultures were more neutral.

- 0.2µm high gas exchange flask seal
- Sterile liquid barrier
- Increased aeration
- Hydrophobic seal
- Resealable seal (tested up to 24 hours of growth)
- Compatible with standard flasks
- Eliminates flask contamination



AirOtop™ Seals Increase Expression



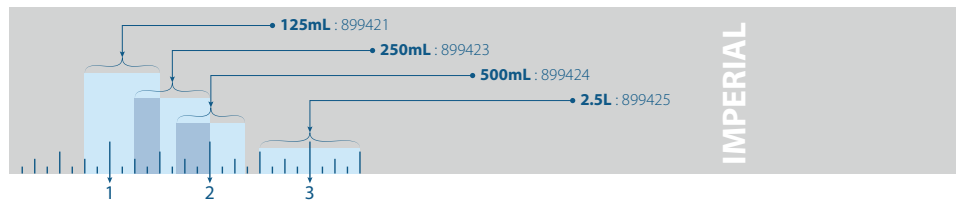
How do they work?

Enhanced AirOtop™ Seals can be applied as a clean sterile barrier that allows samples to vent while preventing contamination from condensation and airborne particles such as phage, mold, spores, and dust. Enhanced AirOtop™ Seals replace plastic & metal flask caps, aluminum foil over flasks, cotton plugs, cheese cloth, etc. Enhanced AirOtop™ Seals are a convenient seal for all different flasks. When used in combination with the Ultra Yield™ Flasks they become a simple "High Yield Production System". Using the combination of Ultra Yield™ Flasks and Enhanced AirOtop® Seals yield maximum gas exchange improving production yields.

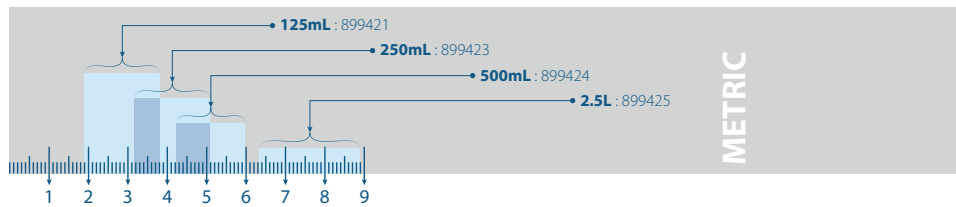


Enhanced AirOtop™ Seal Compatibility

Thomson Enhanced AirOtop™ Seals are fully compatible with other manufacturer's flasks. Please see the compatibility charts (below) for identifying the correct seal for your flask.



IMPERIAL



METRIC

Part Numbers

Recommended for Thomson Ultra Yield™ Flasks, can also be used on traditional and other brand flasks.

Part #	Description	Qty/Case
899421	Enhanced AirOtop™ Seal for 125mL Ultra Yield™ Flask -- Sterile <i>Use to cover Ultra Yield™ Flask 931147</i>	100
899423	Enhanced AirOtop™ Seal for 250mL Ultra Yield™ Flask -- Sterile <i>Use to cover Ultra Yield™ Flask 931144</i>	100
899424	Enhanced AirOtop™ Seal for 500mL Ultra Yield™ Flask -- Sterile <i>Use to cover Ultra Yield™ Flask 931141</i>	100
899425	Enhanced AirOtop™ Seal for 2.5L Ultra Yield™ Flask -- Sterile <i>Use to cover Ultra Yield™ Flask 931136-B</i>	100