

Microlab[®] 600 Series SaltLine[™] Syringes



The Hamilton SaltLine[™] syringes were specially developed to withstand harsh working conditions in demanding applications over a long product lifetime. SaltLine syringes successfully dispense highly concentrated buffers in life science applications and handle aggressive media or saturated salt solutions frequently used in the chemical or mining industries.

Benefits of SaltLine[™] Syringes:

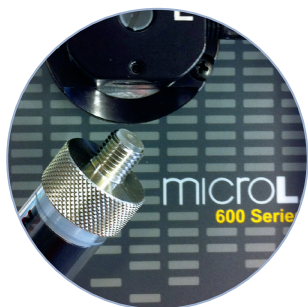
- ▶ Improved mechanical stability of the plunger tip
- ▶ Increased lifetime for applications with highly concentrated salt solutions
- ▶ Metal-free plunger
- ▶ Outstanding accuracy and precision of Hamilton Microlab[®] 600 syringes



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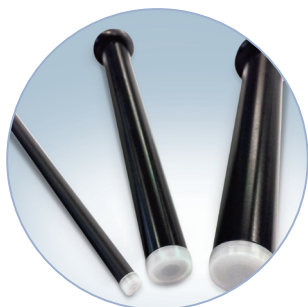
Unique Properties of SaltLine™ Syringes

These highly-resistant long-life syringes offer excellent stability and increased lifetime with high salt solutions.



Highly Resistant Plunger Tip

- ▶ Plunger seal is made from chemically inert and mechanically resistant ultra-high molecular weight poly-ethylene (UHMWPE)
- ▶ Resistant against abrasion by salt crystals or particles in salty solution or suspensions
- ▶ Resistant against many aggressive media and organic solvents
- ▶ High and constant sealing force
- ▶ Lifetime doubled in 5% NaCl solution compared to syringes with PTFE-tip



Metal-Free Plunger Rod Material

- ▶ Plunger rod from fiber-reinforced high performance polyamide
- ▶ No metal involved
- ▶ Stable against corrosion



The Perfect Match for Microlab® 600 Dispensers and Diluters

- ▶ Inert flow path – all wetted paths are fully inert (made from glass, UHMWPE or fluorinated polymer)
- ▶ Highly precise within 1 % of syringe volume and accurate within 0.2 % at 100 % stroke

Ordering Information

Volume	1 mL	5 mL	10 mL
Part Number	208335*	208336*	208337*

*) Note: Plunger tip is not the conical design

For more detailed information on SaltLine Syringes or to order, visit www.hamiltoncompany.com.

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