



August 23, 2019

PRODUCT NAME: Hale Piston-Type Foam Pumps

AFFECTED PUMPS: 0.7A, 1.7A, 2.1A

Hale Products manufactures high quality foam proportioning for the Fire and Emergency Services. The piston type foam pumps used in the 0.7A, 1.7A, and 2.1A foam systems are designed and tested for Class A type foam chemicals only. The 'A' in the model name indicates that the system is designed and tested for Class A foams. Due to numerous inquiries related to why Hale piston pumps are not listed as compatible with Class B and other foam variants, we are clarifying our position on the types of foams compatible with our piston-type pumps in this bulletin.

ALTERNATIVE PRODUCTS

- 3.3 Gear-Type Injection Foam System
- 5.0 Gear-Type Injection Foam System
- 6.5 Gear-Type Injection Foam System
- SmartATP® Around-the-Pump Foam System

LIST PRICE

(US Dollars, FCA Free Carrier Our Dock, Ocala, FL, USA Incoterms® 2010) of alternative products

Configured Item. Pricing is dependent on options chosen at the time of order configuration. Price Guides are available at haleproducts.com. Sign in to My Account on the Hale website to view 2019 pricing documents.

Restrictions

Corrosion and Viscosity are two main reasons Class B foam should not be used in Hale's piston-type foam pumps.

Foam pumps are manufactured from material that is not chemically compatible with Class B Foams. Use of these foams with the system can lead to corrosion and can reduce the life and performance of the pump.

Beyond corrosion, some Class B foams are viscous enough to cause the check valves of plunger style pumps to stick in the open position, resulting in the pump to lose volumetric efficiency which can significantly affect accuracy and in extreme cases impact ability to pump.

There are potentially other foam types, including some Class B, which are less viscous and non-corrosive and may work with our systems. However, we have not identified and tested these foams, so if you plan on using Class B foam, we recommend moving to a 3.3, 5.0, 6.5 or SmartATP® system to ensure proper operation and longevity of your foam system. For a list of approved foams, please visit Hale's website to view the foam compatibility document ([Foam Compatibility Chart Link](#)).