

Vial Rack System

The Savillex vial rack system is the safest and most efficient way to clean PFA vials, closures and other types of labware by acid soaking. Designed specifically for use with the vial cleaning system (sold separately), the vial rack system, holds vials and closures upright during cleaning, eliminating air pockets and also facilitates the loading and unloading of the vial cleaning system. In combination, the vial rack system and vial cleaning system provides a complete solution for the acid cleaning of Savillex PFA vials, closures and many other types of labware.

Design Features

The vial rack system comprises of a series of grid-like racks which stack on a center post. Each rack is loaded with vials or closures and a rim around each rack holds the parts captive for easy handling. Racks are designed to accept a specific Savillex vial/closure and feature an integrated spacer which prevents the rack above from coming in contact with the lip of the vial/closure below, which prevents contamination from being trapped. Because the parts are held upright, air pockets are eliminated, which also promotes efficient cleaning. Once loaded and the handle secured, the vial rack system is placed into the Savillex vial cleaning system for acid soaking using a hot plate. Racks are molded from PFA (the center post is PTFE) giving excellent resistance to all mineral acids. A drip tray is included which can be used to stand the rack system on or to transfer it to a sink for rinsing.

Three pre-configured vial rack systems are available, to accommodate the most popular sizes of Savillex vials: 7 mL, 15 mL and 30 mL, along with appropriate closures. For vials or parts other than those listed above, a universal rack system is available. The universal rack system is designed to be used with any size vial or other items, therefore universal racks do not feature integrated spacers.

The rack system can also be used with most 4 L glass beakers. Since the rack system is too tall to allow the use of a watch glass, a purpose designed PFA beaker lid is available for when the system is used with a glass beaker. It is the user's responsibility to ensure that there is enough clearance between the vial rack system and the sides of the glass beaker to prevent it from becoming jammed inside the beaker on heating.



15 mL Vial Rack System



System Components

The vial rack system comes complete with:

- PFA Racks to hold Vials and Closures
- PTFE Post with Molded PFA Base
- Molded PFA Handle
- Drip Tray

Vial System Specifications

Type	Number of Racks	Complete System Vial Capacity	Complete System Closure Capacity
7 mL Vial Rack System	8	72 Vials	80 Closures
15 mL Vial Rack System	7	36 Vials	27 Closures
30 mL Vial Rack System	5	24 Vials	18 Closures
Universal Vial Rack System	5	Variable	Variable

Individual Vial Rack Specifications

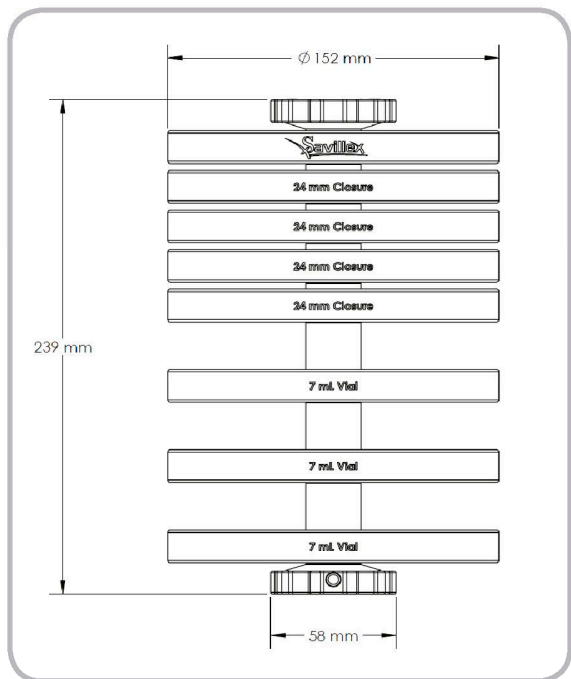
Type	Single Rack Capacity
7 mL Vial Rack	24 Savillex 7 mL PFA Vials
15 mL Vial Rack	12 Savillex 15 mL PFA Vials
30 mL Vial Rack	12 Savillex 30 mL PFA Vials
Universal Vial Rack	Variable

Individual Closure Rack Specifications

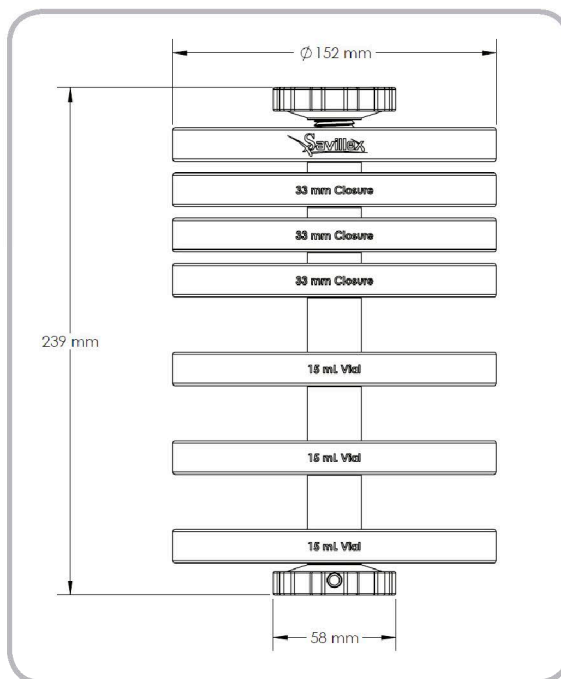
Type	Single Rack Capacity
33 mm Closure Rack	9 Savillex 33 mm PFA Closures
24 mm Closure Rack	20 Savillex 24 mm PFA Closures

Ordering Information

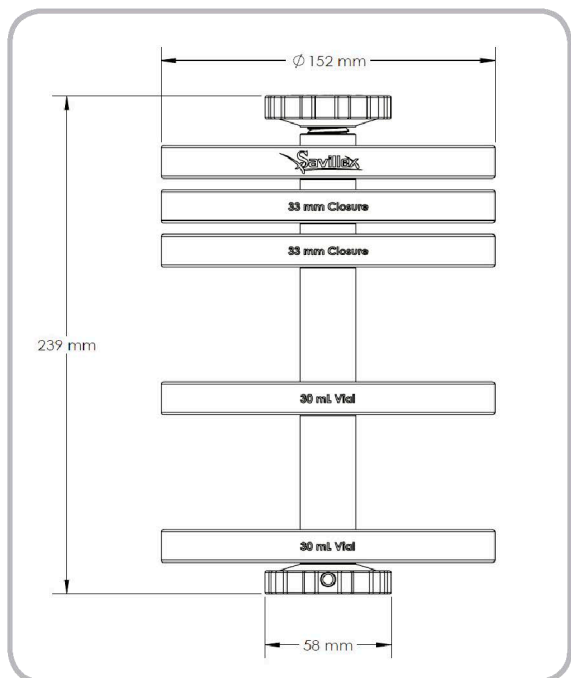
Description	Savillex Part #
7 mL Vial Rack System	550-07
15 mL Vial Rack System	550-15
30 mL Vial Rack System	550-30
Universal Vial Rack System	550-99



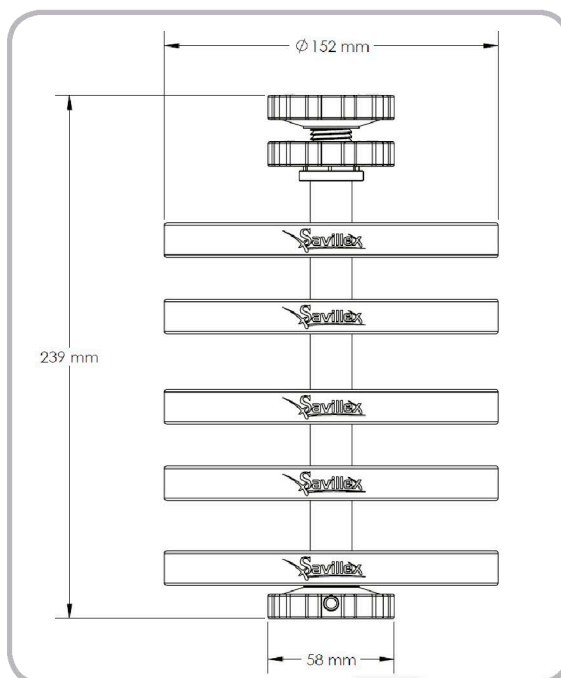
7 mL Vial Rack System



15 mL Vial Rack System



30 mL Vial Rack System



Universal Vial Rack System