

## *Swift-Protech Sealing System*

*At Swift-Protech, we design, manufacture, and assemble all of our workstations to operate in the most demanding environments. An instrumental step in ensuring a long operating life is making sure every workstation is tightly sealed and remains so after years of rugged use and frequent high-pressure washdowns.*



We start by designing our enclosure differently. Rather than using two flat plates to compress a foam gasket, we designed our enclosure with a flange that runs around the door opening and blocks water and debris from entering the unit.

To seal our workstations, we use a UL 50 metal reinforced rubber gasket. We compression fit every gasket by hand onto the door flange to ensure consistency and quality- every time. Our industrial-grade rubber gasket is oil and water repellant and will maintain its compression value after years of use unlike extruded foam seals which erode and breakdown and must be replaced every couple of years.



Additionally, the enclosure and door gasket form a channel which collects and redirects runoff. The water is funneled to the sides of the workstation and away from the monitor and door. This also allows for easy and effective sanitation.



Finally, food-grade stainless steel latches (slotted and keyed available) compress the gasket with 300 Newtons of force and ensure a tight reliable seal. With a maximum load of 600N (136 lbf) these latches provide a strong seal and reliable performance.

