



Operator Interface

TECHNOLOGY

Rugged Keypads and Keyboards

# RUBBER BOOTS



## APPLICATIONS

- Severe Environments
- Car wash
- Oil Rig
- Aviation

## FEATURES

- Chemical Resistant
- Sealed
- Back lighting
- Long lasting





Operator Interface

T E C H N O L O G Y

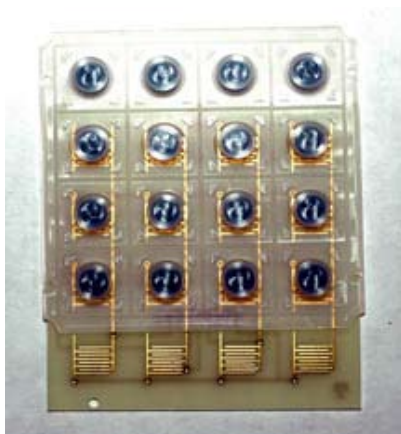
Rugged Keypads and Keyboards

# RUBBER BOOTS

Rubber booted keyboards are used in severe operating environments and are double sealed for extra protection and durability.

The rubber booted keyboard will have a wide range of tactile response due to the altered geometry of the key, along with the metal dome selected. Because of this, it is highly recommended that OIT provide test evaluations samples to your Engineering department.

## OPTIONS



**Conductive Rubber** Conductive rubber construction is the simplest and least expensive to manufacture.

Conductive pills are molded into the rubber boot that bridge the circuitry on the printed circuit board when the key is depressed. The tactile response is designed into the rubber hinge of the switch. Switches of this type have a soft tactile response.

## RUBBER BOOT WITH METAL DOMES

This double sealed keyboard is used in the most demanding operating environments. Metal domes are held in place by a full sheet of 2 mill polyester. Another 2 mill sheet is used for the



back seal. The domes are internally vented so the keyboard is totally sealed.

**COLOR** OIT will match the rubber to your color chip or to a Pantone color.

**LIGHTING** Rubber keypads can be backlit with LED's, EL lamps or fiber optic lighting. The boots can be molded in a translucent color and the legends silk-screened. The boots can also be molded clear and painted different colors. After painting the legends can be laser etched into any configuration.

**MOUNTING** Rubber booted keyboards can be mounted on the front of a panel or mounted from the back. Both ways the rubber forms a seal and is great for outdoor applications.

