Food grade silicone boots in a range of sizes to provide an effective hygienic seal around pipes, conduit, hoses and cables where they pass through walls, ceilings and floors.
Application

The traditional method of sealing pipes passing through a wall, ceiling or floor, required the use of a stainless steel flange anchored to the surface and depending on the flange providing friction fit around the pipe. Food grade silicone was applied between flange and the surface to ‘seal’ the penetration. Apart from being slow, messy to clean up, unsightly, expensive and difficult to replace, this method of installation has traditionally caused continuous ongoing maintenance issues.

Pipetite provides a hygienic, permanently flexible, easy to install sealing solution that requires no sealant, using silicone similar to that used in surgical applications. The flexibility and wide temperature range (−60°C to +260°C) means that they can be used equally on steam pipes and refrigeration pipes.

The flexibility ensures wall anchors can’t work loose under pipe movement. Pipetite is easy to install with new installations (Standard Pipetite) or retro-fit to existing pipes (Reboot Pipetite) and can accommodate apertures up to 380mm.

Why Pipetite?

Pipetite’s food grade silicone is designed for extreme environments where long working life with no maintenance is a major requirement.

Suitable for new installations or retro-fitted upgrades. The ‘reboot’ pictured on the front of this document, allows existing pipes to be hygienically sealed with the 316 grade stainless clamp, providing a simple solution to an existing problem. Reboots are available in all sizes.

The patented Pipetite provides customers a unique, purpose made solution when choosing a long term hygienic sealing product.

Installation

• Simply cut around the silicone boot to match the diameter of the pipe using the marked cutting grooves. Note – a nick-free cut is required to avoid tears on installation. The recommended cutting tool is available on request.

• Slide over the pipe (use soapy water as a lubricant if required).

• Fix stainless steel base ring to surface using pre-drilled holes.

• Pipetite can be mounted with either screws, rivets or bolts as specified (specially designed fasteners with smooth heads are available on request).

Features

• Suits pipes up to 380mm. Custom sizes can be created.

• Comes with marked cutting grooves to match standard pipe diameters.

• Seals against flat walls – requires no sealant.

• +260°C to −60°C operating temperature.

• All food grade constru.

• Highly resistant to most chemicals.

• Long life in extreme working environment.

• Reboot retro-fit capabi

Suportability

Food and beverage preparation and chemical handling in the industrial sector requires strict hygiene and health protocols. Silicone has been extensively used and tested for a wide variety of chemicals and food types. **Silicone has ‘excellent’ resistance properties to:**

- Acetic Acid, 30%
- Aluminium Phosphate (aq)
- Aluminium Sulphate (aq)
- Alum-NH3-Cr-K (aq)
- Ammonia Gas (cold)
- Ammonium Acetate (conc.)
- Ammonium Phosphate (aq)
- Arsenic Acid
- Barium Chloride (aq)
- Barium Hydroxide (aq)
- Barium Sulphate (aq)
- Barium Sulfuric Acid
- Blast Furnace Gas
- Boric Acid
- Calcium Bicarbonate (aq)
- Calcium Chloride (aq)
- Calcium Hydroxide (aq)
- Carbon Monoxide
- Carbonic Acid
- Copper Chloride (aq)
- Copper Cyanide (aq)
- Copper Sulphate (aq)
- Denatured Alcohol
- Detergent Solutions
- Developing Fluids
- Dimethyl Ether (Methyl Ether)
- Ethyl Alcohol
- Ethylene Dichloride
- Ethylene Glycol
- Fluoroketone
- Freon T-115
- Fumaric Acid (Dihydric)
- Green Sulphate Liquor
- Isobutyl Alcohol
- Isopropyl Alcohol
- Lactic Acid (Cold)
- Lime Sulfur
- Magnesium Chloride (aq)
- Magnesium Sulfate (aq)
- Methyl Alcohol
- Methyl Ethyl Ketone
- Methyl Isobutyl Ether (MIBK)
- Mustard Gas
- Natural Gas
- Nickel Chloride (aq)
- Nickel Sulphate (aq)
- Nitrogen
- Oxygen-Cold
- Dioxide
- Potassium Chloride (aq)
- Potassium Cyanide (aq)
- Potassium Cupro Cyanide (aq)
- Potassium Oxide (aq)
- Potassium Nitrate (aq)
- Potassium Sulphate (aq)
- Potassium Dihydrogen (aq)
- Propyl Alcohol
- Pyrolyl, 3DE, 65E, 90E
- Silver Nitrate
- Soda Ash
- Sodium Bicarbonate (aq)
- Sodium Chloride (aq)
- Sodium Boric Acid (aq)
- Sodium Bicarbonate (aq)
- Sodium Fluoride (aq)
- Sodium Hydroxide (aq)
- Sodium Lactate (aq)
- Sodium Thiosulphate (aq)
- Sodium Trisulphate (aq)
- Tertiary Alkyl
- Tetramethyl Ammonium
- Tetrasodium Pyrophosphate
- Zinc Chloride (aq)
- Zinc Sulphate (aq)

Ancillary items

Also available in the Pipetite range are pipe bands in 9 colour codes to aid in pipe identification. Grommets for electric or sensor cables and air hoses, as well as concrete anchor nails for fast fixing.