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PRODUCT GUIDE

PIPETITE

S&T024

STAINLESS STEEL

PRODUCT GUIDE › PIPETITE

NOV 2024

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.

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S&T024

Pipe'n'pipe fitting allows hygienic protection for lagged pipes and reducers.

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 a 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 resistance (-50°C to +250°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.

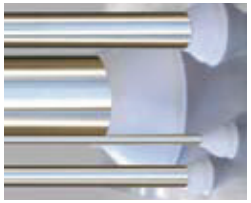
The patented Pipetite provides customers a unique, purpose made solution when choosing a long term hygienic sealing product.

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.
- +250˚C to -50˚C operating temperature.
- All food grade construction.
- Highly resistant to most chemicals.
- Long life in extreme working environment.
- Reboot retro-fit capability.

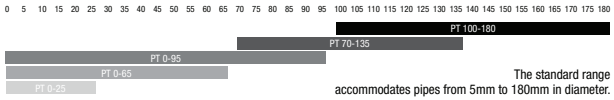


Standard Pipetite

Size
0-25mm
0-65mm
0-95mm
70-135mm
100-180mm

Reboot

Size
0-95mm
70-135mm
100-180mm
165-380mm



The standard range accommodates pipes from 5mm to 180mm in diameter.

Suitable for square pipes and ducts.

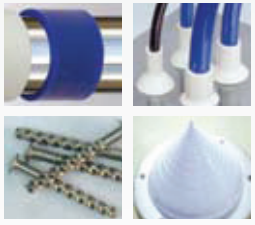
Suitability

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)
Ammonia Gas (hot)
Ammonium Hydroxide (conc.)
Ammonium Phosphate (aq)
Arsenic Acid
Barium Chloride (aq)
Barium Hydroxide (aq)
Barium Sulphate (aq)
Barium Sulphide (aq)
Blast Furnace Gas
Boric Acid
Calcium Bisulphite (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 Diamine
Ethylene Glycol
Fluorolube
Freon T-P35
Fyrquel (Cellulube)
Green Sulphate Liquor
Isobutyl Alcohol
Isopropyl Alcohol
Lactic Acid (Cold)
Lime Sulphur
Magnesium Chloride (aq)
Magnesium Sulphate (aq)
Methyl Alcohol
Methyl Ether (Dimethyl Ether) (Monomethyl Ether)
Mustard Gas
Natural Gas
Nickel Chloride (aq)
Nickel Sulphate (aq)
Nitrogen
Oxygen-Cold
Ozone
Potassium Chloride (aq)
Potassium Cupro Cyanide (aq)
Potassium Cyanide (aq)
Potassium Nitrate (aq)
Potassium Sulphate (aq)
Potassium Dichromate (aq)
Propyl Alcohol
Pydraul, 30E, 50E, 65E, 90E
Silver Nitrate
Soda Ash
Sodium Bicarbonate (aq) (Baking Soda)
Sodium Bisulphite (aq)
Sodium Borate (aq)
Sodium Chloride (aq)
Sodium Cyanide (aq)
Sodium Sulphate (aq)
Sodium Thiosuphate (aq)
Tartaric Acid
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.



The Pipetite range of products conforms to
FDA 21 CFR 177.2600.
This conformance has been independently verified through test results on the polymer.