

# Non Lubricated Plug Valve Supplier Mexico

South American Valve is a leading non lubricated plug valve supplier in Mexico. A non-lubricated plug valve, also known as a self-lubricating plug valve, is a type of plug valve designed to operate without the need for external lubrication. It is commonly used in applications where lubricants may contaminate the process fluid or where frequent maintenance and re-lubrication are undesirable. The body of a non-lubricated plug valve is typically made of cast or forged steel. It provides the main housing for the valve components and is designed to withstand operating pressures and temperatures.

South American Valve is a leading non lubricated plug valve supplier in Mexico. Non-lubricated plug valves offer advantages such as reduced maintenance requirements, improved cleanliness of the process fluid, and prevention of lubricant contamination. They are suitable for a wide range of applications, including chemical processing, gas distribution, and oil refineries, where frequent lubrication and potential fluid contamination must be avoided.

## Parts

- Body
- Plug
- Seat
- Stem

## Applications

- Oil and gas industry: Plug valves are widely used in the oil and gas industry for applications such as wellhead control, pipeline transport, refining, and processing. They are preferred for their high-pressure and high-temperature resistance, and their ability to handle abrasive fluids and slurries.
- Chemical industry: The chemical industry uses plug valves for applications such as chemical processing, refining, and transportation.

They are suitable for corrosive and abrasive fluids, and they can handle a wide range of temperatures and pressures.

- **Water treatment:** Plug valves are used in water treatment facilities for applications such as water distribution, wastewater treatment, and desalination. They are suitable for handling a variety of fluids, including sewage and sludge.
- **Power generation:** Plug valves are used in power generation plants for applications such as steam distribution, cooling water systems, and fuel handling. They are preferred for their reliability and ability to handle high-temperature and high-pressure fluids.
- **Pulp and paper industry:** The pulp and paper industry uses plug valves for applications such as pulp processing, chemical recovery, and wastewater treatment. They are preferred for their ability to handle abrasive and corrosive fluids.

## Advantages

- **Tight seal:** Plug valves provide a tight seal, which minimizes the risk of leakage and ensures that the fluid flows through the valve in a controlled manner.
- **Simple design:** Plug valves have a simple design that makes them easy to install, operate, and maintain. They also have fewer moving parts than other types of valves, which reduces the risk of mechanical failure.
- **High-pressure and high-temperature resistance:** Plug valves are suitable for high-pressure and high-temperature applications, making them ideal for industries such as oil and gas, chemical, and power generation.
- **Abrasion and corrosion resistance:** Some types of plug valves are designed to handle abrasive and corrosive fluids, making them suitable for applications where these conditions are present.
- **Throttling capability:** Some types of plug valves, such as the eccentric plug valve, have a high degree of throttling capability, making them suitable for applications that require precise flow control.
- **Versatility:** Plug valves can be used for a wide range of applications, including oil and gas, chemical processing, water treatment, and power generation.

- **Cost-effective:** Plug valves are generally cost-effective, especially when compared to other types of valves that require more maintenance or have higher initial costs.

## Description

- **Material:** Carbon Steel, Iron, Duplex Steel, CF8, CF8M, WCB, CF3, CF3M, WC6, Ductile iron, WCC, LCB, LCC, SS304, SS316, Alloy 20
- **Class:** 150 to 2500.
- **Pressure:** PN10 to PN450.
- **Nominal Size:** ½" to 24"
- **Ends:** Flanged, Threaded, Socket weld, Buttweld
- **Operations** – Gear operated, Electric actuated, Pneumatic actuated, Lever operated

<https://www.southamericanvalve.com/product-category/plug-valve/non-lubricated-plug-valve/>

