

The SS 304 Wafer NRV (Non-Return Valve) in 40 mm size is a device that lets fluid flow in only one direction, preventing dangerous backward flow. "SS 304" means it is made of high-quality, rust-proof **stainless steel**. "Wafer" means it is a thin, compact valve sandwiched directly between two pipe flanges, saving space.

Key Features and Specifications

- **Size:** 40 mm (1.5 inches) pipeline diameter.
- **Material:** SS 304 (Resists rust and safe for water and food).
- **Connection:** Wafer sandwiched (fits snugly between pipe flanges).
- **Pressure Rating:** Typically handles pressures up to PN16 (16 bar).
- **Operation:** The valve uses a hinged internal disc. Fluid pushes the disc open to move forward. If the fluid tries to move backward, gravity and the backward flow shut the disc instantly.
- **Tight Seal:** Most use a molded rubber seat (like EPDM or Nitrile) for a leak-proof closure.