

# FLOATING EQUIPMENT

## DESCRIPTION

Floating Equipment is an essential part of the casing string assembly, designed to enhance cementing efficiency and ensure reliable placement of cement in the annulus. A typical floating system consists of a Float Shoe and a Float Collar, each fitted with a one-way check valve that allows cement to flow downward through the casing while preventing backflow once pumping stops. This ensures that the cement remains in place, maintaining zonal isolation and improving well integrity.

By reducing hydrostatic pressure during casing deployment, Floating Equipment effectively lowers the running weight, helping the casing reach total depth more easily and reducing the risk of differential sticking. The system is available in a wide range of sizes, materials, and pressure ratings, making it compatible with various casing designs and well conditions.

## FEATURES

- Ensures reliable cement placement by preventing backflow
- Reduces casing running weight for easier deployment with the floating method
- Improves cementing quality in challenging wellbore environments
- Available in a wide range of sizes, materials, and configurations
- Offered with single or double valve options
- Multiple nose configurations available for float shoes

