

PRODUCTS - SOLUTIONS - RESOURCE

PRODUCT OVERVIEW:

The floatation Collar is a deployment tool designed to aid in running casing to deeper depths by reducing friction in the horizontal section of the well.

The Collar is ran in the vertical section of any full bore horizontal well. It's design creates an air filled chamber that allows the horizontal section of the casing to become buoyant therefore reducing sliding friction. Above the Floatation Collar, the casing can be filled with fluid to generate additional weight needed to push the casing to the toe of the well.

Inside the Floatation Collar is the Floatation Wiper Dart. The Wiper is hydraulically activated when cementing operations are to begin. Once activated, the air chamber is then flooded and operations can continue. Once cementing is completed, a Liner Pipe Wiper Plug lands in the Floatation Wiper Dart and releases it from the Collar. They both travel to a Landing Collar at the toe of the well leaving a full bore casing string.

FEATURES:

- ❑ Short and Slim Design.
- ❑ Torque through during Makeup and RIH.
- ❑ One piece elastomer wiper fin provides a high performance seal.
- ❑ Aluminum plug provides fast and reliable drill out.
- ❑ Anti-Rotation mechanism for Wiper Dart in Atmospheric Collar and in Landing Collar.
- ❑ Wiper Dart is PDC Drillable.
- ❑ Adjustable Shear Screws.
- ❑ Up to 50% reduced friction in the horizontal.

