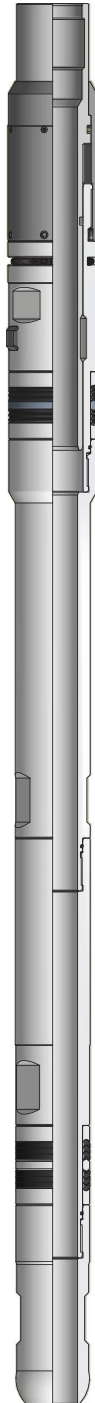




Black Gator® Isolation Tool



The Black Gator® Isolation Tool is designed to seal in both the Top Nipple and the Bypass Nipple seal bores above and below the Y-Tool in an Electric Submersible Pump (ESP) bypass system. It allows bull heading of fluids through the bypass while the ESP assembly is fully isolated. The Isolation Tool straddles the ESP discharge connection within the Y-Tool ensuring that the ESP discharge is remote from all fluids injected. It can be used in dual Y-Tool ESP applications to isolate the upper ESP when running the lower ESP system. A lock on the Top Nipple prevents the Isolation Tool from being pumped out of the seated position.

A Black Gator® Isolation Tool can be deployed and retrieved with slickline using standard Otis GS type running tools.

FEATURES

- Compact design

- Jar down to set
- Jar up to release

- Combination of sizes from 2.812" to 1.875"

- Internal fish neck for running /pulling

- Locking dogs for "D" type Top Nipple

- Bottom NO-GO

SPECIFICATIONS

- Low alloy steel or 13Cr material to specification NACE MR-0175

- Up to 350° F with elastomers

- 5,000 psi MWP

- Viton® or Aflas® seals as standard

Part Number	Upper Seal Diameter (in.)	Lower Seal Diameter (in.)	Nominal Internal Fish Neck Diameter (in.)	Running / Pulling Tool
IT-256X231-01	2.562	2.312	2.000	40GS18700
IT-275X231-01	2.750	2.312	2.500	40GS23100