

## WELL COMPLETIONS | LINER HANGERS

# VersaFlex® DTPBA-RL dual trip-polished bore assembly

The VersaFlex DTPBA-RL allows an extended upper pbr to be installed with a drillpipe landing string with the tie-back seal assembly run later as necessary based on the operator's well construction needs

## SYSTEM FEATURES

### PBR:

- Standard stroke lengths of 10 and 15 ft (3.0 and 4.57 m)(alternate stroke lengths on request)
- Various material grades and yields available
- Right-hand rotation releases the PBR from the liner hanger
- Integral Ratch-Latch™ or Versa-Latch® anchor available
- VersaFlex® running tool with hydraulic release mechanism
- Fully retrievable

### TBSA:

- No-go locator
- Premium V-packing seal configurations (other seal types on request)
- Various material grades and yields available
- Variable space out across PBR
- Fully retrievable

**First trip – polished bore receptacle with integral latch on drillpipe**

**Second trip – tie-back seal assembly**

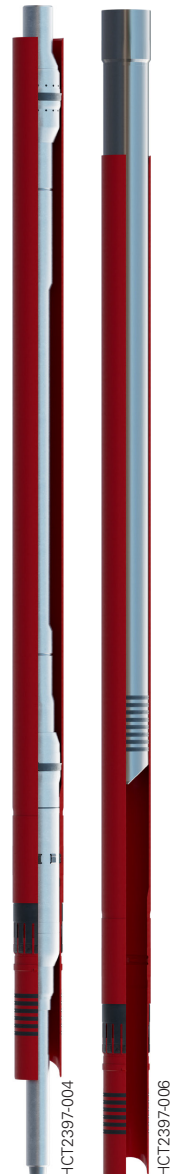
## Overview

The Halliburton VersaFlex® DTPBA-RL assembly is used in conjunction with the Halliburton VersaFlex® and XtremeGrip® expandable liner hangers. The polished bore assembly (PBA) is broken into two key components—the PBR with integral latch and the companion dynamic floating tie-back seal assembly (TBSA). The PBR features a polished bore receptacle and an integral lower latch that provides an anchor and static seal at the top of liner. An integral collet profile is located within the internal PBA that provides connectivity to the running tool used to deploy the PBR. The TBSA features a no-go locator and sufficient spacer to provide proper seal placement in the PBR to permit dynamic seal movement under loads when spaced out.

The dual trip-polished bore assembly is available to operators who require an extended upper tie-back receptacle but, because of well construction requirements, do not require the tie-back seal assembly to be simultaneously deployed.

## Operation

Stage 1: Deployment of the PBA with integral latch; this is accomplished by means of a special hydraulic release running tool deployed on drillpipe. Once the PBR latch anchor is deployed and fully seated in the top of the existing liner hanger, a ball is dropped, pressure is applied, and the running tool is released and retrieved to surface.



VersaFlex®  
DTPBA-RL

Stage 2. Deployment of the TBSA on liner (casing); this is deployed to the top of the previous run PBR-RL assembly and then slowly lowered into the PBR using predetermined installation instructions. Once the TBSA is fully landed, it is spaced out to meet operator well requirements where it is pressure tested. The TBSA provides a floating dynamic seal and maintains equivalent casing ID. The PBR and mating TBSA can be provided in various lengths to help ensure sealing while in dynamic movement.

## Applications

- Standard applications that require large bores, dynamic sealing, and the capability to retrieve the upper liner tie-back system
- Low ECD applications where critical loss mitigation is necessary in conjunction with Halliburton XtremeGrip® LECD liner hangers for shorter primary liner hanger assemblies

## VersaFlex® DTPBA-RL assembly

DESCRIPTION	PRODUCT INFORMATION
Casing Size	16-in.
Locator Type	Versa-Latch®
Maximum OD	14.44-in.
Minimum ID	12.27-in.
Mating Seal Bore ID Minimum	13.304-in.
Maximum Length	311.59-in.
Seal Type	Fluorocarbon
Connection Type	Box
Temperature Rating	40 to 400°F
Service	STD; CO <sub>2</sub> ; H <sub>2</sub> S

## Benefits

- Maintains maximum available IDs through the tie back
- Minimal internal connections for fewer potential leak paths
- Allows for TBSA installation when well construction is necessary
- Allows integration to a single-trip completion production packer installation
- Reduces OD and length of previously deployed liner system to improve ECD and maintain available stroke for required tubing stress
- Retrievable PBR allows future remedial operations or well design changes

## Product selection

The VersaFlex® DTPBA-RL assembly offers multiple configurable variations of sizes, PBR lengths, metallurgy, elastomers, and attribute selections. Contact your Halliburton Completion Tools Representative to select the product for your well construction solutions.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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