



Weatherford®

Uniset 'ABC' Tubing Hanger Plug

The Uniset 'ABC' Tubing Hanger Plug is designed to be set on wireline or polished rod, offering a much higher level of operations flexibility than conventional devices of this type.

The tool consists of three sections each offering certain unique features and benefits:

A The Uniset QXT Lock Mandrel

This is a variant of the standard Uniset Lock Mandrel, which offers all the benefits, associated with this system but has a revised geometry more suited to wellhead Applications.

B The 'AB' Anti-Blowout Device

Offers one run set/pull capability with a much greater degree of intrinsic safety than other mechanisms. In order to reduce reliance on operator ability the AB equalising assembly incorporates a pressure-sensing piston, which, in the event of differential pressure being present below the device, prevents the lock mandrel from being latched, but permits equalisation.

This is a major safety feature as it is impossible to inadvertently latch and release a ABC Tubing Hanger Plug with pressure trapped beneath it.

C The Type 'C' Back Pressure Valve

The Type 'C' Back Pressure Valve offers dual sealing with a primary metal-to-metal seal and back up elastomeric seal. In the event that it is necessary to pump through the device the spring-loaded protector sleeve isolates the elastomeric back up, giving a higher degree of integrity than similar devices without a secondary seal capability.

Features & Benefits

- Unloaded no-go in the hanger profile
- Minimal restriction through the tubing hanger
- Plugs designed to withstand wellhead vibration
- Pressure ratings up to 15,000 psi at 400°F
- Flexible performance - can be wireline or polished rod set
- Anti-blow-out protection for surface wellheads
- Positive tell-tale that plug is correctly set
- Running tool can always be released
- Well kill facility through plug

