



Weatherford®

Inflatable Packers

Drillable Composite Inflatable Packer (DCIP)

Weatherford's drillable composite inflatable packer (DCIP) is used primarily to cure lost-circulation problems in geothermal wells, where cement placement difficulties can often render conventional squeeze jobs ineffective. The DCIP can also be used in many applications that call for a traditional inflatable packer.

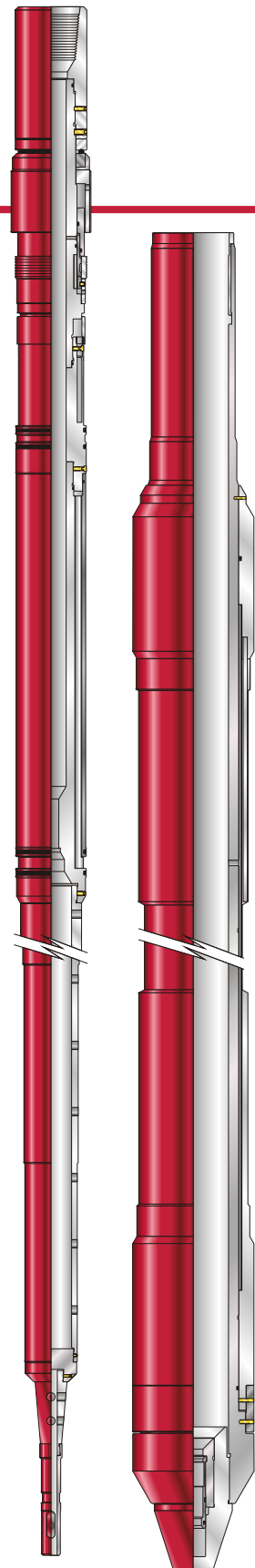
The DCIP is built of glass-fiber-reinforced epoxy composite materials, with a small amount of easily drillable metals. The inflatable element is 10 ft long. The DCIP can be made up and run on a drillstring or work string and is cement-inflated through dual 7/16-in. ACP™ (annulus casing packer) valves, which are built into the running tool. After inflation, the running tool is disconnected hydraulically from the packer, and the ACP valves are recovered. The running tool can also be disconnected from the packer by rotation, if necessary. The packer can be rapidly drilled out so that the original wellbore can be reclaimed.

Applications

- Cased- or open-hole applications
- Squeeze cementing of lost-circulation zones
- Temporary well plugging

Features, Advantages and Benefits

- The DCIP uses the field-proven Weatherford ACP valve system for reliable performance.
- The integral valve at the bottom of the packer seals off the wellbore below the packer after the running tool is removed.
- The DCIP can be easily drilled out, thereby allowing full reclamation of the wellbore after squeezing a lost-circulation zone.
- The DCIP is made from glass-fiber-reinforced epoxy composite materials, resulting in lightweight cuttings (after drill-out) that can be easily circulated out of the well.





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Specifications

Overall length of packer with running tool (ft/m)	16.92 5.16
Overall length of packer (ft/m)	15.25 4.65
Overall length of running tool (ft/m)	16.67 5.08
Element length (ft/m)	9.17 2.79
Maximum OD of packer (in./mm)	11.00 279.4
Maximum OD of running tool (in./mm)	7.25 184.15
Maximum temperature rating (°F/°C)	350° 177°