



# Weatherford®

Cementing Products

## *POST™ Pack-Off Stage Tool Model 781*

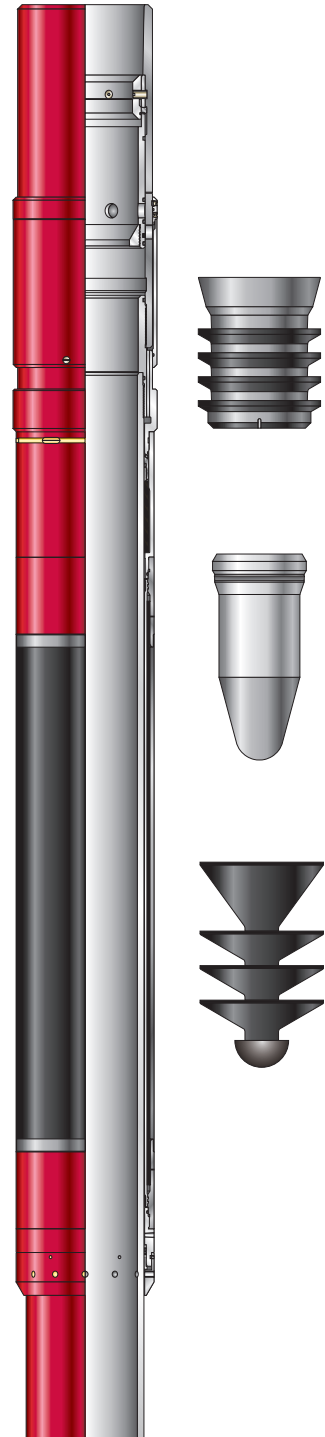
Weatherford's *POST* pack-off stage tool is a potent combination of the *Eliminator*® stage tool and the *BULLDOG*™ inflatable annular casing packer. *Eliminator* tools set the industry standard for reliability, cost effectiveness, and ease of use. The integral *BULLDOG* casing packer isolates and protects the producing formation from cement.

### *Applications*

- Isolation of weak or sensitive formations from the effects of increased hydrostatic pressures
- Areas where cement can be detrimental to the producing formation, such as above slotted liners
- High-angle and horizontal holes, when used with the pumpdown opening option
- Two-stage cement jobs with the Model 781 alone
- Three-stage jobs, using the Model 782 as the lower tool and the Model 781 as the upper

### *Features, Advantages and Benefits*

- With its outstanding strength, expansion, and centralization capability, the *BULLDOG* inflatable packer provides a positive, high-pressure seal in oversized, irregular, and elliptical holes in the most severe conditions.
- The packer element cannot be prematurely set by applying internal pressure. The free-fall opening cone or the pumpdown-opening plug must land on the opening seat and shift the inner sleeve before inflation.
- An externally adjustable opening sleeve enables the secondary opening and packer inflation pressure to be optimally set, based on hole conditions, immediately before running in the hole.





## ***POST™ Pack-Off Stage Tool***

### ***Model 781***

### ***Features, Advantages and Benefits (continued)***

- The packer is inflated through the cementing ports, which eliminates additional holes through the stage tool body and enhances its integrity.
- Locking and anti-rotation devices accelerate drillout and save rig time.

### ***Specifications***

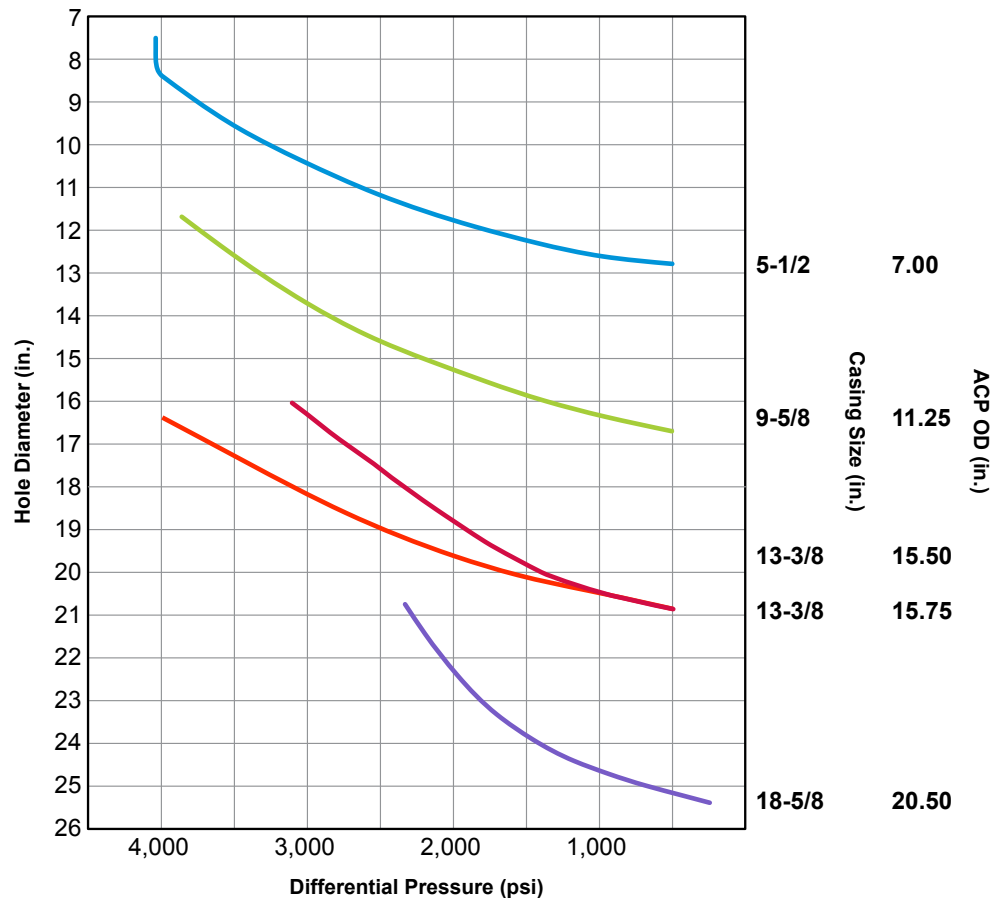
Size (in./mm)	Maximum OD (in./mm)	Available Packer Length (ft/m)	Seat ID Closing/Opening				Nitrile Seal Temperature Limits* (°F/°C)
			Model 781 Two-Stage (in./mm)		Model 782 Three-Stage (Lower Tool) (in./mm)		
5.500 139.7	7.250 184.2	4.00 and 10.00 1.219 and 3.048	3.750 95.3	4.062 103.2	3.000 76.2	3.375 85.7	250 121
7.000 177.8	8.250 209.6	4.00 1.219	Model 789 5.00 127.0	Model 789 4.500 114.3	NA	NA	375 191
9.625 244.5	11.750 298.5	4.00, 7.00 and 10.00 1.219, 2.134 and 3.048	7.250 184.2	7.750 196.9	6.125 155.6	6.750 171.5	250 121
13.375 339.7	15.500 393.7	4.00, 7.00 and 10.00 1.219, 2.134 and 3.048	10.250 260.4	11.000 279.4	8.250 209.6	9.250 235.0	250 121
18.625 473.1	21.625 549.3	4.00 and 10.00 1.219 and 3.048	15.500 393.7	16.125 409.6	NA	NA	250 121

\*Temperature limits are for peroxide cured Nitrile seals (standard). Alternate sizes, weights, and threads may be available. Contact your Weatherford representative for details.



## *POST™ Pack-Off Stage Tool Model 781*

### *Performance Data*



This differential pressure graph illustrates the maximum allowable differential pressure that can be exerted across the element. It is calculated with the packer fully inflated and sealed against the wellbore. Differential pressure is the difference between the annular pressure above the packer and the annular pressure below the packer when it is in the set position.