

Pressure Activated Release Tool

The Pressure Activated Release Tool (PART) is used to release the guns into the rathole, when pressure can be applied to the wellbore.

Features and Benefits:

- Versatile design allows use in low or high bottom-hole pressures
- Compatible with a variety of firing devices
- Substantial tensile integrity maintained while release weight requirement is low
- No wireline intervention required for release purposes
- Fishing neck for retrieval option
- Uses high accuracy rupture disk to initiate operation
- Leaves a wireline entry profile after release

Operation:

Pressure is applied to the wellbore, which bursts a pre-selected rupture disk. This allows a support sleeve to shift, and the inner portion of the tool with the gun assembly below, to drop into the rathole.

Specifications:

Size	2 ³ / ₈ "	2 ⁷ / ₈ "	3 ¹ / ₂ "
Thread Connectors	2 ³ / ₈ " EU 8RD	2 ⁷ / ₈ " EU 8RD	3 ¹ / ₂ " EU 8RD
Length	24" (0.61 m)	24" (0.61 m)	24" (0.61 m)
Outer Diameter	2.92" (74.17 mm)	3.38" (85.7 mm)	4.25" (108 mm)
Guide I.D. after release	2.208" (56.1 mm)	2.445" (62.1 mm)	3.125" (79.38 mm)
Working Pressure & Temperature	15,000 psi (103.42 Mpa) at 350°F/175°C 10,000 psi (68.95 Mpa) at 375°F/190°C		
Pressure Rating			
Collapse	20,000 PSI	18,000 PSI	15,000 PSI
Differential	10,000 PSI	10,000 PSI	8,000 PSI
Seal Rating	10,000 PSI standard 20,000 PSI high-temp.	10,000 PSI standard 20,000 PSI high-temp.	10,000 PSI standard 20,000 PSI high-temp.
Operating Pressure			
Minimum	200 PSI	200 PSI	200 PSI
Maximum	20,000 PSI	11000 PSI	15,000 PSI
Tensile Rating	75,000 lbs.	110,000 lbs.	100,000 lbs

* Other thread connections available on request.

