



# TIP – Retrievable Inflatable Packer System

## 6-1/4-in.

The 6-1/4-in. TAM Inflatable Packer (625-TIP) is a versatile single-set rotational release packer for zonal isolation. The 625-TIP is adaptable for both cased hole and open hole applications using TAM's field proven woven cable or slat reinforced inflation elements. The packer can run through restrictions in the wellbore and set in larger ID's or washed-out sections of open hole. The TIP is an ideal packer for testing, treating, injection, cementing and many other zonal isolation applications. The packer is easily converted to a bridge plug

The tool operates by pressuring up the work string against an expendable plug to create differential pressure inside the inflation element. Once all work is completed the packer can be deflated with right- or left-hand rotation (depending on configuration of the tool) and pulled back through restrictions in the well. The TIP is a single set packer and must be removed from the well between settings.

### Provide Solutions For:

- Acid or Chemical Stimulation and Treating
- Mechanical Integrity testing
- Open Hole FIT testing
- Cementing Operations
- Bridge Plug for P&A Operations

### Features:

- Deflation groove cut into packer tube allows equalization above and below packer
- Inflation element is pressure balanced while lowering tool into the well. Delayed opening option available
- Generous flow area to inflate and deflate the element
- Heavy duty connections and high strength material allow for high tensile capability
- The 625-TIP chassis will accept multiple element types and sizes from 7.88-inch (200mm) through 15.1-inch (384mm) OD
- 10-turn right hand release with a 19-inch upward stroke

### Benefits:

- Simple to operate with no reciprocation of the work string required
- The tool is resistant to plugging issues in a drilling mud environment
- Fluids can circulate through the tool at higher rates without inflating the element
- Can seal in open or cased hole
- Can be deployed on tubing or drill pipe
- Release mechanism provides positive indication the tool is in the release position



## General Product Sheet

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Description	Specifications	
Bore ID (Nominal)	2.63 in	66.8 mm
Overall Length (110" + Element Length)	227.8 in	5,786.1 mm
OD (Nominal)	8.25 in	209.6 mm
Material	ESMA 2005 (MYS 110ksi)	
Thread Size/Type	4-1/2 in. IF Box X Ported Guide Plug	
Collapse Pressure	7,000 psi	482.6 Bars
Burst Pressure	7,000 psi	482.6 Bars
Tensile Strength Through Packer Tube	297,000 lbs	134,717 kg
Max. Torque Through Packer Tube	600 ft-lbs	813 Nm
Operating Temperature Range	40 to 275°F	-4 to 135°C

Industry Standard: API 11D1 compliant Q3 quality grade with V6 validation

Nominal Tool OD (Gauge Ring)		Available Element Size	
(in.)	(mm)	(in.)	(mm)
8.25	209.55	7.88	200.15
14.00	355.6	13.38	339.85
15.40	391.16	15.10	383.54

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