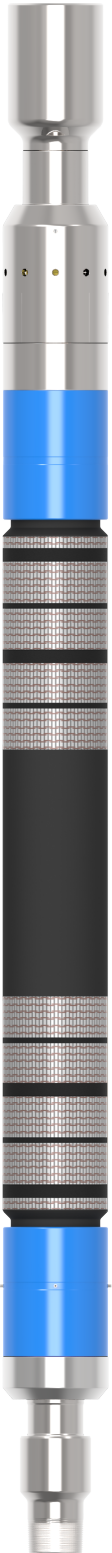


Remedial Cementing Packer (RCP)



Inflatable Technology:

An inflatable element is a hydro-mechanical sealing device to be conveyed into a wellbore on a wide range of tool chassis. IPI's unique design of composite element allows the versatility to set in an ID significantly larger (+/- 300%) than its run in OD and where applicable be released and retrieved. The IPI design offers a true wellbore seal in both directions and has proven itself in over 13,000 applications to be the most robust inflatable element while offering the industry's best in class recoverability. Open hole, through tubing, cased hole, oval pipe, scale, perforated, nonstandard etc. conditions make IPI inflatable elements your path to success.

RCP:

The Remedial Cementing Packer (RCP) is a single-set, retrievable inflatable packer designed to be conveyed through wellbore restrictions and be set inside a larger ID below to provide both liquid and gas tight seals for remedial cementation. The RCP takes advantage of IPI's durable and robust inflatable packing element construction design which allows for industry-leading high expansion and differential pressure capability. The RCP is fully customizable and can be tailored to the specific wellbore conditions on-site, allowing for the highest degree of operational capabilities.

Applications:

- ◆ Cement/ treatment squeeze
- ◆ Zonal treatment
- ◆ Shutting off lost-circulation zones

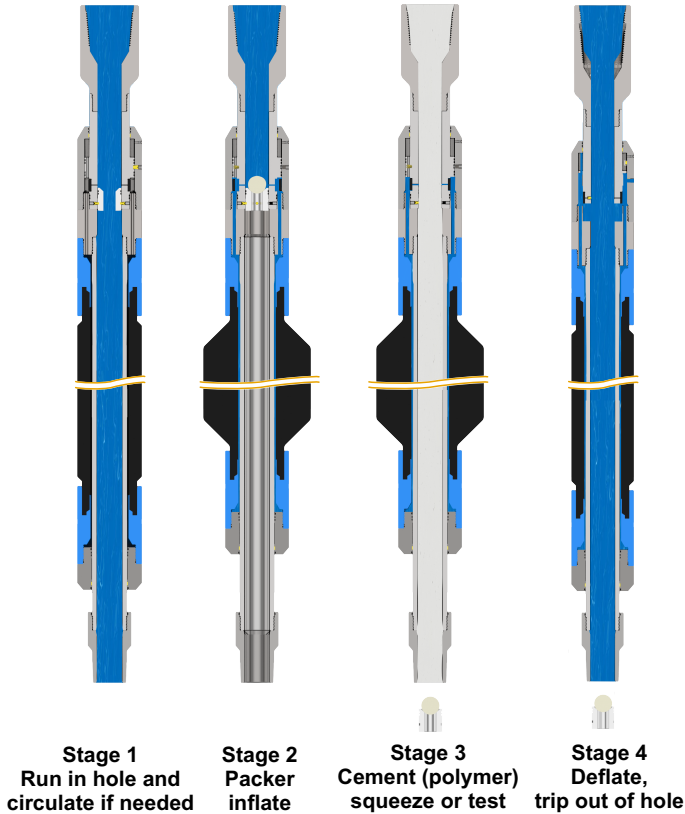
Benefits:

- ◆ Works seamlessly in both vertical and horizontal extended reach applications as well as static low fluid level environments providing for **versatility regardless of conditions**
- ◆ **Adaptable to a variety of work strings**, including Drill Pipe (DP) and Coiled Tubing (CT), ensuring flexibility to the specific well intervention program
- ◆ Allows for circulation during deployment and retrieval. The RCP is a balanced system allowing the operator to **break circulation and maintain positive well control** during trips in and out of the hole.
- ◆ The RCP is inflated utilizing a setting ball ensuring the system is **not prematurely set while tripping** in the hole
- ◆ The RCP is retrieved to the surface by applying an overpull to the system. Once the deflate mechanism has been sheared, the inflation pressure and tubing volume above the RCP are drained to the work string annulus **ensuring a dry string is pulled**
- ◆ Can be equipped with a shearable and drillable shroud to **eliminate the risk of getting stuck during remedial cement applications**
- ◆ Allows for **bi-directional pressure integrity**
- ◆ IPI's unique DuraGRIP™ provides cased hole anchoring with no **slip point-loading** eliminating the chance of damaging the host casing string



Remedial Cementing Packer (RCP)

Sequence of Operation:

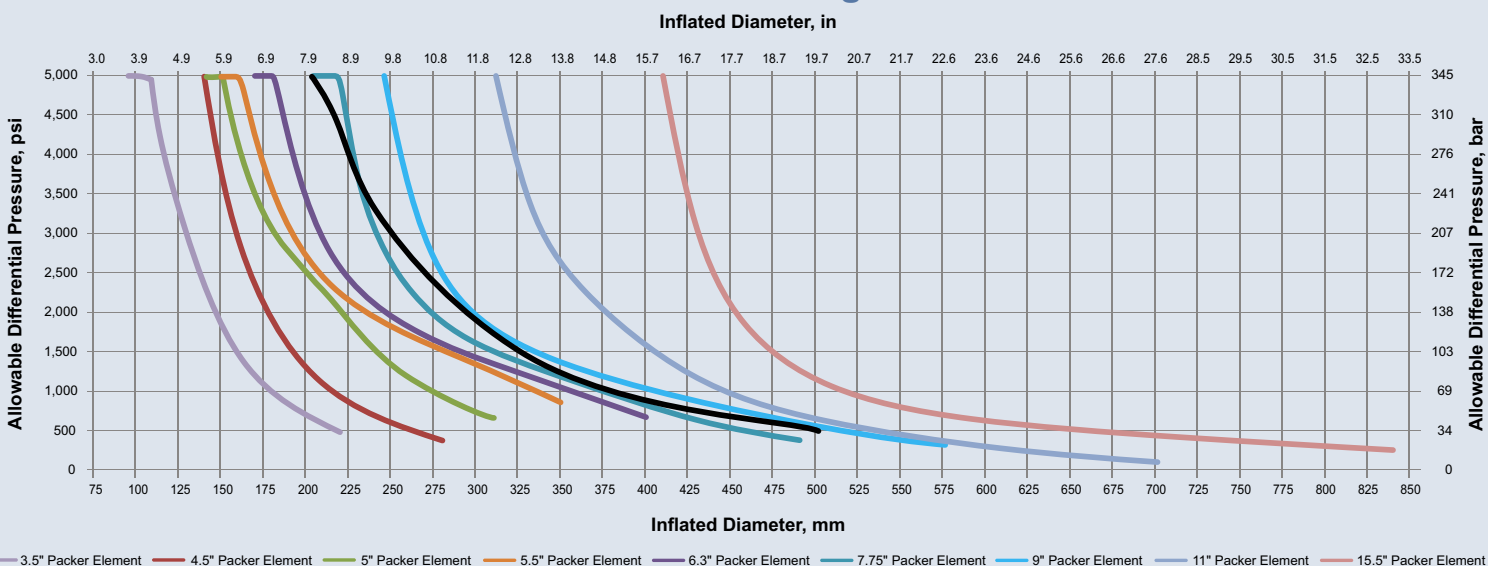


Available Sizes:

Inflation Valve OD		Packer OD*		Max Inflation Diameter	
in	mm	in	mm	in	mm
3.5	89	3.5	89	8.67	220
		4.5	114	11.0	280
		5.0	127	12.2	310
5.5	142	5.5	140	13.8	350
		6.3	160	15.0	400
		7.75	197	18.5	470
7.75	196	9.0	230	22.6	575
		11.0	280	22.8	580
		15.5	395	33.1	840

* different packer sizes are available upon custom request

Differential Pressure Rating vs. Hole Size:



** please contact IPI Packers for the latest pressure chart and custom sizes

