



## GP Packer

The type GP Packer is a retrievable production packer that offers a number of advantages in gravel pack completions. It holds the gravel pack securely in place and serves as an isolation production packer. No second packer or extra trip is required. It also makes the completion hookup and future remedial work simpler and more economical because of its polished bore and seal nipple with automatic Jay action. A lead or Teflon seal on the bottom of the packer assures a pressure-tight seal on top of the screen.

The GP Packer is set by applying weight with the setting string. Weight expands the packoffs and anchors the serrated slips against the casing wall. When set, the packer will hold securely against normal upward forces from tubing tension or pressure. It will not allow the screen to shift; this results in a stable gravel pack.

### Advantages of the GP Packer

- Eliminates upper production packer in gravel pack completions.
- Interior surface of the receptacle is polished to assure tight seal when seal nipple is in place.
- Tubing can be pulled without disturbing the packer by slacking off, rotating ¼ turn to the right to un-Jay and pulling straight up.
- Automatic Jay-latch makes tubing latching simple.
- Production packer packoff elements isolate effectively.
- Can be retrieved with producing tubing or work string.
- Full-opening, unobstructed bore allows maximum production rates, ease of running tools and working below the packer.

### Setting Procedure

1. Make up packer on tubing string.
2. Run in hole and tag top of screen.
3. Apply weight to set packer, then pressure up to test packer.
4. Rotate ¼ turn to right to un-Jay and release tubing.
5. Pick up tubing, space out.
6. After proper spacing, slack off to return seal nipple into receptacle, where it will latch automatically. Hang tubing and start production.

### Retrieving the Packer

The type GP Packer is fully retrievable by straight pull. The slips retract, the packoffs release and the packer may be pulled. It may also be pulled by un-Jaying the seal nipple from the receptacle, pulling the tubing and retrieving the packer on a work string using a conventional spear.

### GP Packer Specifications

SIZE		MAXIMUM BODY O.D.		SEAL BORE			
				I.D.		LENGTH	
In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.
2 x 4½	50.8 x 114.3	3¾	95.2	2.500	63.5	9%	238.1
2 x 5	50.8 x 127.0	4	101.6	2.500	63.5	9%	238.1
2 x 5½	50.8 x 139.7	4 <sup>1</sup> / <sub>8</sub>	116.7	2.688	68.3	10%	263.5
2 x 5½	50.8 x 139.7	4¾	111.1	2.688	68.3	10 <sup>1</sup> / <sub>16</sub>	265.1
2½ x 7	63.5 x 177.8	5 <sup>2</sup> / <sub>8</sub>	150.0	3.250	82.6	10%	276.2
2½ x 7	63.5 x 177.8	5¾	146.1	3.250	82.6	10%	276.2
2½ x 7¾	63.5 x 193.7	6¾	171.5	3.250	82.6	10%	276.2

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