



BlackCat™ GP Packer for the Model 4P Gravel-Pack System

Weatherford's *BlackCat* GP packer for the model 4P gravel-pack system provides reliable, high-pressure sand control for production, completion, and injection.

In a gravel-pack application, the packer is used with the gravel-pack hydraulic setting tool, Weatherford's model 4P crossover service tool, and model G1 gravel-pack extension. The packer can be run in a non-gravel-pack application, such as one with standalone sand screens, liners, or tubing-conveyed perforating (TCP) guns suspended beneath. The field-proven, reliable, ECNER array packer element provides a superior seal that enables the packer to pack off easily and resist swabbing.

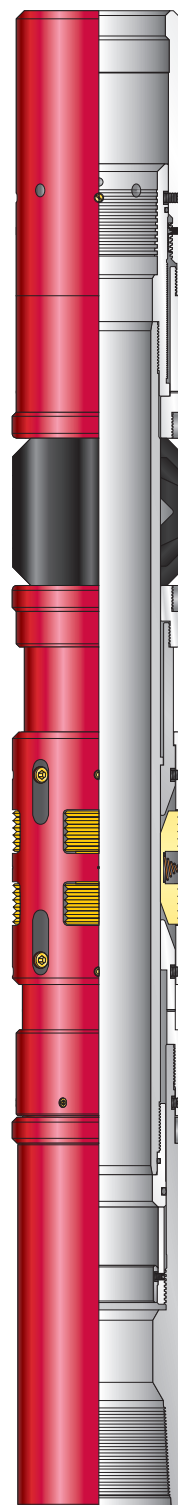
Components of the packer are rotationally locked. The field-proven packer cannot release with differential changes or tensile or compressive loading. Only a retrieving tool run on a workstring removes the packer from the wellbore.

Applications

- Conventional and high-rate gravel packing
- Installation of standalone screens
- High-pressure production and injection
- Stimulation and fracture
- TCP completions

Features, Advantages and Benefits

- The slips are below the element to prevent the buildup of debris in and around them, reducing the times for circulation and total retrieval.
- The retrieval mechanism is protected from well debris and flow and must be actuated to release the packer, ensuring trouble-free retrieval on the first attempt.
- The components are rotationally locked to prevent them from spinning, which reduces milling time if the packer cannot be retrieved normally.





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Specifications

Casing				Packer			
OD (in./mm)	Weight (lbm/ft, kg/m)	Minimum ID (in./mm)	Maximum ID (in./mm)	Maximum OD (in./mm)	Sealbore (in./mm)	Bottom Thread	Part Number
5-1/2 139.7	20.0 to 23.0 29.8 to 34.2	4.670 118.62	4.778 121.36	4.500 114.30	3.000 76.20	4-in. 8 SA ^a pin	1119607
	14.0 to 20.0 20.8 to 29.8	4.778 121.36	5.012 127.31	4.625 117.47			1119153
5-3/4 146.0	14.0 to 19.5 20.8 to 29.1	5.090 129.29	5.290 134.37	4.791 121.69			1124741
6 152.4	20.0 to 26.0 29.8 to 38.7	5.134 130.40	5.352 135.94	4.791 121.69			1125798
6-5/8 168.3	20.0 to 28.0 29.8 to 41.7	5.791 147.09	6.049 153.64	5.540 140.72			
7 177.8	29.0 to 35.0 43.2 to 52.1	6.004 152.50	6.184 157.07	5.813 147.65	4.000 101.60	5 1/2-in. LT&C ^b	905230
	23.0 to 32.0 34.2 to 47.6	6.094 154.79	6.366 161.70	5.938 150.82			905231
	20.0 to 26.0 29.8 to 38.6	6.276 159.41	6.456 163.98	6.026 153.06			1203228
7-5/8 193.7	29.7 to 39.0 44.2 to 58.0	6.625 168.28	6.875 174.62	6.438 163.52			905688
9-5/8 244.5	47.0 to 53.5 70.0 to 79.7	8.535 216.79	8.681 220.50	8.281 210.34	4.750 120.65	6 5/8-in. LT&C ^b	1337446
	36.0 to 43.5 53.7 to 64.8	8.755 222.38	8.921 226.59	8.539 216.89			TBD

^aStub Acme

^bLong thread and coupling

For Internal Use

Link to Endeca assembly part numbers: [BlackCat GP Packer](#)