

BlackCat U Retrievable Sealbore Packer

Provides an excellent seal, while preventing the buildup of debris in and around the retrieval mechanism

Applications

- High-pressure production or injection
- Stimulation and fracturing
- Operations with tubing-conveyed perforating guns run below the packer
- High-rate gravel packing
- Deviated and horizontal wells

Features and Benefits

- The packer can be set by wireline or hydraulic tool for flexibility in deployment.
- The work string does not require rotation while running or retrieving the packer, which simplifies procedures, improves efficiency, and saves rig time.
- The ECNER array system enables supporting force to be applied to the outer elements, reducing the swab-off effect and facilitating packoff.
- The components are rotationally locked to prevent spinning, which reduces milling time if the packer cannot be retrieved normally.
- The field-proven design prevents the buildup of debris in and around the retrieval mechanism, which reduces circulating time and improves reliability.

Tool Description

The Weatherford BlackCat U retrievable sealbore packer is a reliable, high-pressure packer for production, gravel packing, and injection that has a large upper bore for the installation of large-inside-diameter (ID) tubing for high-production flow rates. The packer design is based on the field-proven BlackCat retrievable sealbore packer.

The versatile BlackCat U packer can be set on wireline or on tubing with a hydraulic setting tool. The tubing can be anchored in the upper bore, and a packer-bore receptacle can be run above the packer for floating-seal applications.

The BlackCat U packer is available in many materials suitable for hostile environments.



The Weatherford BlackCat U retrievable sealbore packer has a large upper bore for the installation of large-ID tubing to achieve high-production flow rates.



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Specifications

Casing				Packer					
OD	Weight	ID		Gauge Ring OD	Bore		Minimum ID Through Seals	Product Number	Releasing Tool
		Minimum	Maximum		Upper	Lower			
5 in. 127.00 mm	18.0 to 21.4 lb/ft 26.79 to 31.85 kg/m	4.126 in. 104.80 mm	4.276 in. 108.61 mm	3.969 in. 100.81 mm	3.000 in. 76.20 mm	2.688 in. 68.28 mm	2.350 in. 59.69 mm	179005	179337
5-1/2 in. 139.70 mm	18.0 to 21.4 lb/ft 26.79 to 31.85 kg/m	4.778 in. 121.36 mm	5.044 in. 128.12 mm	4.625 in. 117.48 mm	3.000 in. 76.20 mm	2.688 in. 68.28 mm	2.350 in. 59.69 mm	1240373	1241790
9-5/8 in. 244.48 mm	47.0 to 53.5 lb/ft 69.94 to 79.62 kg/m	8.535 in. 216.79 mm	8.681 in. 220.50 mm	8.281 in. 210.34 mm	6.000 in. 152.40 mm	4.750 in. 120.65 mm	5.880 in. 123.95 mm	1184277	1184321

