

REPAIR PACKER

DESCRIPTION

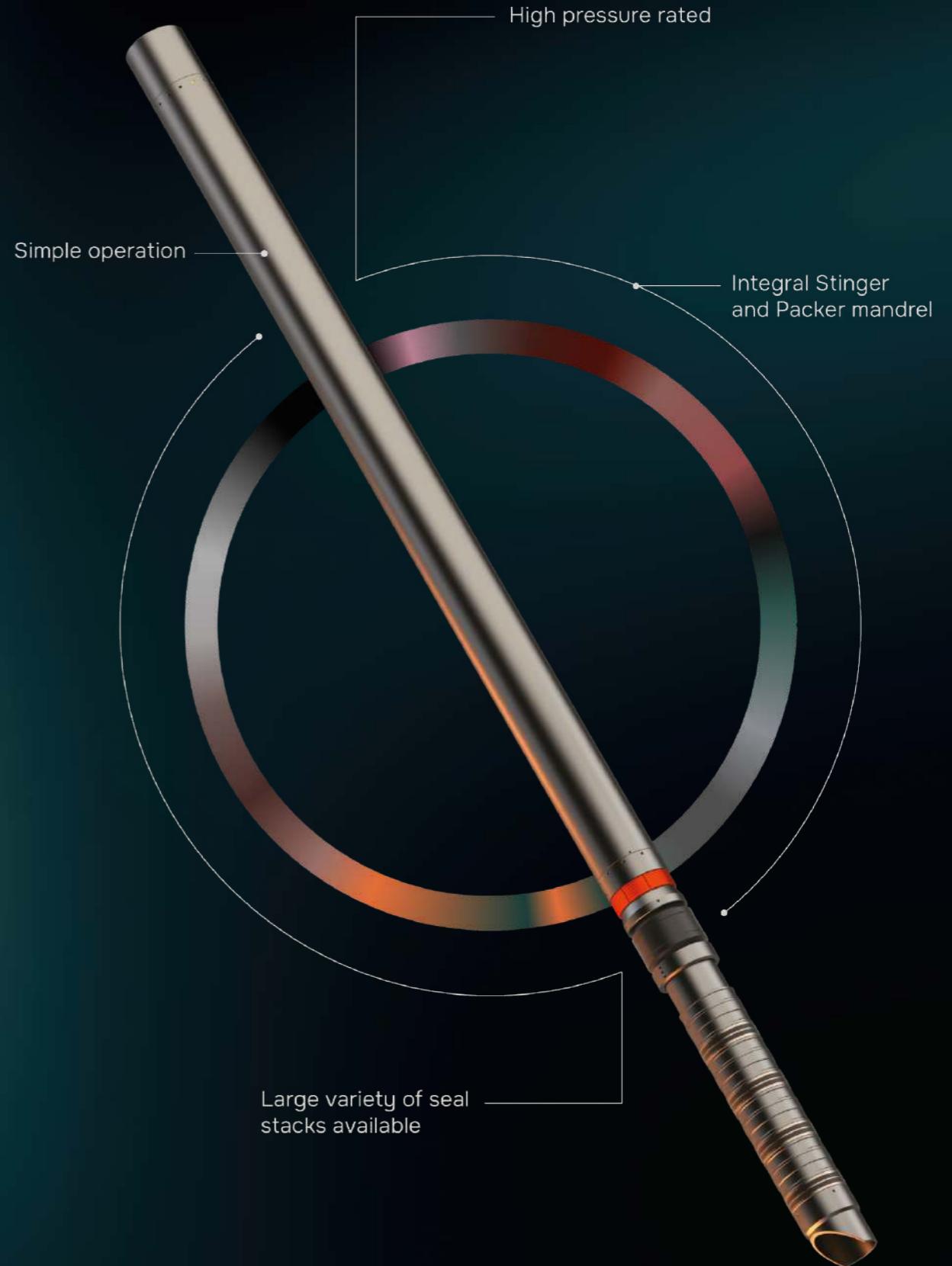
The Repair Packer is designed for remedial operations where leakage or a loss of integrity has occurred at the liner-top packer of systems such as SAPSAN or OSPREY. It provides a dependable, high-strength sealing and anchoring solution that restores liner-to-casing isolation without the need to recover or replace the entire liner assembly.

Built with robust double-grip slips, the Repair Packer ensures secure anchoring even under high differential pressures. Its one-piece inner mandrel provides upper and inner bore sealing, removing the need for an internal setting chamber and minimizing leak paths.

The tool can be deployed with either short or extended PBR configurations, adapting to a range of well geometries and repair depths. With no rotation required during setting, it offers simple, reliable operation in both vertical and highly deviated wells, making it ideal for intervention and re-entry applications.

FEATURES

- Integral stinger and packer mandrel for compact design
- Configurable seal stacks for specific pressure and temperature conditions
- Multiple seal stacks can be installed per mandrel
- Simple, hydraulic-set operation with anti-preset safety
- High-pressure rated for demanding downhole environments
- Compatible with short or extended PBRs (3 ft to 20 ft)
- Variable lengths PBR: as short as 3ft to lengths of 20ft



Casing size
in - [mm]Casing Weight
Min-Max [lbs/ft]Wall thickness
Min-Max [mm]Liner Size
in - [mm]Hanger OD
in - [mm]Hanger ID
in - [mm]

5 - [127]

15 - 18

7.52 - 9.19

3.5 - [88.9]

4 - [101.6]

2,75 - [69,9]

5.5 - [139.7]

14 - 17

6.2 - 7.72

4 - [101.6]

4.625 - [117.5]

3,35 - [85,1]

17 - 23

7.72 - 10.54

4 - [101.6]

4.5 - [114.3]

3,25 - [82,6]

23 - 26

10.54 - 12.1

4 - [101.6]

4.375 - [111.1]

3,25 - [82,6]

5.75 - [146.1]

19.7 - 21.8

8.51 - 9.53

4 - [101.6]

4.625 - [117.5]

3,35 - [85,1]

20 - 24

7.32 - 8.94

4.5 - [114.3]

5.625 - [142.9]

3,95 - [100,3]

24 - 28

8.94 - 10.59

4.5 - [114.3]

5.5 - [139.7]

3,85 - [97,8]

28 - 32

10.59 - 12.06

4.5 - [114.3]

5.375 - [136.5]

3,826 - [97,2]

7 - [177.8]

17 - 26

5.87 - 9.19

4.5 - [114.3]

5.95 - [151.1]

4 - [101,6]

26 - 29

9.19 - 10.36

4.5 - [114.3]

5.875 - [149.2]

4 - [101,6]

29 - 35

10.36 - 12.65

4.5 - [114.3]

5.75 - [146.1]

4 - [101,6]

7 - [177.8]

17 - 26

5.87 - 9.19

5 - [127]

5.95 - [151.1]

4.25 - [108]

26 - 29

9.19 - 10.36

5 - [127]

5.875 - [149.2]

4.25 - [108]

29 - 35

10.36 - 12.65

5 - [127]

5.75 - [146.1]

4.125 - [104.8]

7.625 - [193.7]

33.7 - 39

10.92 - 12.7

5.5 - [139.7]

6.35 - [161.3]

4.625 - [117.5]

8.625 - [219.1]

44 - 49

12.7 - 14.15

5.5 - [139.7]

7.35 - [186.7]

4.625 - [117.5]

9.625 - [244.5]

32,3 - 43,5

7,92 - 11,05

7 - [177.8]

8,5 - [215,9]

6.25 - [158.8]

43,5 - 53,5

11,05 - 13,84

7,625 - [193,7]

8,25 - [209,6]

6.625 - [168.3]

13,375 - [339,7]

54,5 - 72

9,65 - 13,06

9,625 - [244,5]

12 - [304,8]

8,525 - [216,5]