

FLEXPACKER

Ram technology

APPLICATIONS

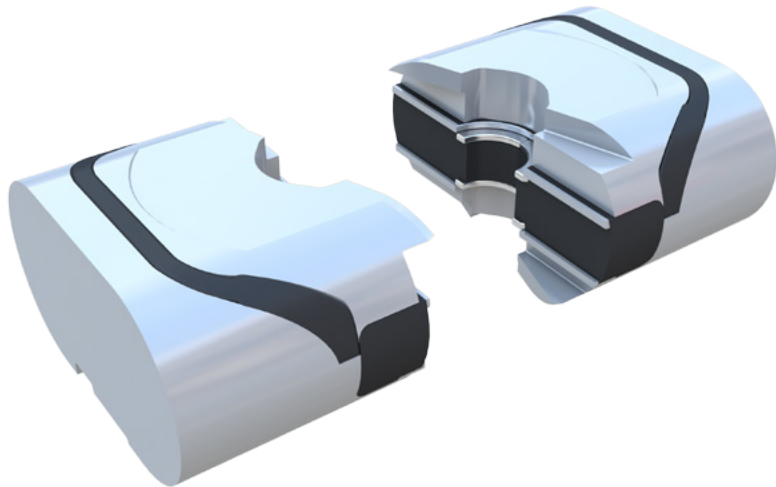
Drilling and production operations

BENEFITS

Improved flexibility and certainty by minimizing extrusion gap while maintaining a range of sizes

FEATURES

- Sealing on a range of diameters
- Antiextrusion segments designed for a specific pipe size
- Self-feeding elastomers
- Large reservoir of packer rubber to ensure a long-lasting seal under all conditions
- Ram packers that lock into place and are not dislodged by well flow
- Compatibility with
 - U* surface ram-type BOP
 - TL* offshore ram-type BOP
 - EVO* compact offshore ram-type BOP
- Suited for H₂S service per NACE MR0175



FLEXPACKER ram technology.

The FLEXPACKER* ram technology is a multibore sealing device that uses radially moving, stacked antiextrusion segments to retain wellbore pressure. Each layer of segments is machined to fit a specific pipe size within the sealing range, and the packer top plate is cut to match the diameter of the largest pipe size. As different sizes of pipe are introduced into the sealing bore, the segments align to closely fit around the pipe, minimizing the extrusion gap.

Released FLEXPACKER Technology Sizes

BOP	Range, in	Ram Required
11-in 3–10M U BOP	2 ³ / ₈ –3 ¹ / ₂	3 ¹ / ₂ -in pipe ram
13 ⁵ / ₈ -in 3–10M U BOP	2 ³ / ₈ –3 ¹ / ₂	3 ¹ / ₂ -in pipe ram
18 ³ / ₄ -in 5M or 10M TL BOP	2 ⁷ / ₈ –5	5-in pipe ram
	3 ¹ / ₂ –5 ¹ / ₂	5 ¹ / ₂ -pipe ram
18 ³ / ₄ -in 10M U BOP	5–7	7-in casing ram
	2 ⁷ / ₈ –5	VBR* variable-bore ram
18 ³ / ₄ -in 10M EVO	5–5 ¹ / ₂	5 ¹ / ₂ -pipe ram
18 ³ / ₄ -in 15M T, TL, or EVO BOP	5–5 ¹ / ₂	5 ¹ / ₂ -pipe ram
20 ³ / ₄ -in 3M U BOP	5–7	6 ⁵ / ₈ - or 7-in pipe ram
21 ¹ / ₄ -in 2M U BOP	5–6 ⁵ / ₈	6 ⁵ / ₈ - or 7-in pipe ram

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