

DUAL CUT TO RELEASE PACKER



Applications: Dual completions, production or injection isolation



Viking's Dual Cut to Release packer is run into the well on dual tubing strings, utilising the optional integrated swivel, to the desired setting depth.

Hydraulic pressure is applied to the short string against a plug. It then acts on the packer setting mechanism to set the slips and expand the seal element creating a pressure seal against the casing wall. After the pressure is released, the internal locking mechanism holds the packer set.

To remove the packer from the wellbore a tubing cutter is run in the short string and positioned relative to the integrated radioactive PIP Tag.

Following the cut, the packer releases and maintains a full tensile rating. The packer is removed from the well along with the tubing strings.



Benefits

- Independent production or injection in two strings
- High Performance with retrievability
- Patented release mechanism
- Rugged deployment capability
- No movement between tubing/casing during setting
- Available for standard and sour service

FEATURES

- ✓ Up to 3-1/2" Dual Strings
- ✓ Optional integrated swivel
- ✓ Release on secondary string
- ✓ Qualified up to API 11D1 V0
- ✓ Materials to suit all well environments
- ✓ Cutter correlation via Radioactive PIP Tag



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to our team

The Dual Cut to Release Packer is available in a variety of
Metallurgy and Elastomers configurations



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General Information				
Product Number	12DCRP83	12DCRP83	12DCRP842	12DCRP842
Casing Size and Weight	9-5/8" 47 - 53 lb/ft	9-5/8" 47 - 53 lb/ft	9-5/8" 40 - 47 lb/ft	9-5/8" 40 - 47 lb/ft
Maximum OD	8.311"	8.311"	8.420"	8.420"

Through Bore Configurations				
Primary Connections	3-1/2" & 2-7/8"	3-1/2" & 3-1/2"	3-1/2" & 2-7/8"	3-1/2" & 3-1/2"
Minimum ID	2.949" & 2.399"	2.874" x 2.874"	2.949" & 2.399"	2.874" x 2.874"

Performance Data	
Pressure Rating Above	5,000psi
Pressure Rating Below	5,000psi
Setting Pressure	3,000psi

Operation Data	
Setting Method	Hydraulic Pressure applied to Short String
Release Method	Cut to Release at designated cut zone on Short String
Feed Throughs	Up to four x 1/4" Control Line with 1/4" NPT fitting top and bottom
Special Feature(s)	Robust Compact Design, Integrated PIP Tag port and Optional Integrated Swivel
Packer Validation Grades	API Spec 11D1 / ISO 14310 V0 to V6
Quality Grades	QL1, QL2, QL3



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