PERMANENT PACKER

VIKING

Viking's hydraulically set, permanent packer is designed to create a robust annular pressure barrier between the production tubing and casing .

The packer is run into the well on the tubing string to the desired setting depth. Hydraulic pressure applied to the tubing string against a plug below the packer acts on the packer setting mechanism to set the slips and to expand the seal element to create a pressure seal against the casing wall.

After the release of pressure, the internal locking mechanism holds the packer set.

To remove the packer from the wellbore the tubing string is cut above the packer and a dedicated milling string is run to mill the packer and retrieve it from the well with minimal removal of material.

Benefits

- Compact design

- Rugged deployment capability

- Single piece mandrel with no leak paths

- No movement between tubing/casing during setting

- High pressure and tensile ratings

- Available for standard and sour service

FEATURES

✓ Up to 15,000 psi working pressure

✓ Available with connections to suit tubing string

✓ Easily millable design

✓ Sizes to suit 5-1/2" to 13-3/8" casing

✓ Materials to suit all well environments

✓ Qualified up to API 11D1 V0

The Permanent Hydraulic Set Packer is fully customizable and available in a variety of size, materials and end connections

11D1-0082 | REG QI1791

PERMANENT PACKER

Applications: Production or injection isolation, single or dual Completions, HPHT

General Information

Product Number	12PHP580	12PHP669	12PHP830	12PHP905
Casing Size and Weight	7.000" 26 - 29 lb/ft	7.625" 29.7 lb/ft	9-5/8" 47 - 53 lb/ft	10-3/4" 79.2 lb/ft
Maximum OD	5.904"	6.697"	8.311"	9.055"

Through Bore Configurations

Primary Connections	2-3/8" to 4-1/2"	3-1/2" to 5.000"	3-1/2" to 7.000"	4-1/2" to 7-5/8"
Minimum ID	To suit end connections			
Maximum OD	Equal to end connections			

Performance Data

Pressure Rating Above	Up to 15,000psi
Pressure Rating Below	Up to 15,000psi
Setting Pressure	3,000psi +

Operation Data

Setting Method	Hydraulic Pressure
Release Method	Milling
Special Feature(s)	Robust Compact Design
Packer Validation Grades	API Spec 11D1 / ISO 14310 V0 to V6
Quality Grades	QL1, QL2, QL3

The Permanent Hydraulic Set Packer is fully customizable and available with alternative materials, connections and feed-throughs.

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