

# RTTS® V3 Packer

## ROBUST, FIELD-PROVEN DESIGN THAT HELPS MINIMIZE DOWNTIME

### OVERVIEW

The RTTS® V3 packer is a full-opening, hookwall packer used for well suspension, testing, and treating operations. The assembly is qualified to API 11D1/ISO 14310 requirements. In most cases, the tool is run with a subsurface control valve (SSC) assembly to allow for fast, reliable well suspension without having to fully recover the drill string or bottomhole assembly (BHA). The RTTS V3 packer can also be unset and retrieved by simply moving the workstring upwards.

The packer body includes a J-slot mechanism, mechanical slips, packer elements, and hydraulic slips. Large, heavy-duty slips in the hydraulic hold-down mechanism provide a dependable anchor that helps prevent the tool from being pumped up the hole.

Drag blocks activate the J-slot and mechanical slip, which can support loads over 1 million pounds. Automatic J-slot sleeves are standard equipment on all packer bodies, helping to ensure ease of operation even in deep water applications.

\*Specific operational information must be considered before multiple sets are carried out.

### FEATURES

- » Full-opening design of the packer mandrel bore allows large volumes of fluid to pump through the tool
- » TCP guns and wireline equipment can be run through the packer
- » Packer can be set and relocated as many times as necessary with simple tubing manipulation\*
- » Tungsten carbide slips provide greater holding capacity and improved wear resistance in high-strength casing
- » Pressure through the tubing activates the slips in the hydraulic hold-down mechanism
- » Assembly tensile strengths over 1 million pounds available

### BENEFITS

- » Can be run with multiple accessories, such as RTTS circulating and SSC valves, to cover multiple operations on location
- » Robust, field-proven design based on high strength RTTS packer
- » Suspends the well without the need to recover the drilling BHA, minimizing downtime by allowing operations to continue without the need to rerun the complete drilling assembly
- » Qualified and proven to industry API and ISO standards



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## RTTS® V3 Packer - Technical Specifications

Casing Size in.	Packer Main Body OD in. (mm)	Packer ID in. (mm)	Nominal Casing Weight lb/ft	Minimum Casing ID in. (mm)	Maximum Casing ID in. (mm)	Length in. (mm)	Tensile Rating* lb (kg)	Working Pressure* psi (MPa)
10 3/4	9.280 (235.7)	3.50 (88.9)	65.7	9.415 (239.1)	9.723 (247.0)	106.8 (2,711)	350,000 (158,757)	6,500 (44.82)
10 3/4	8.875 (225.4)	3.50 (88.9)	73.2 - 85.3	8.976 (228.0)	9.577 (243.3)	106.8 (2,711)	350,000 (158,757)	6,500 (44.82)
13 3/8	11.94 (303.28)	2.44 (62.0)	54.5 - 72.0	12.203 (320.0)	12.783 (324.7)	131.17 (3,332)	1,000,000 (453,592)	8,000 (55.16)
13 5/8	11.94 (303.28)	2.44 (62.0)	86.0 - 88.2	12.203 (320.0)	12.783 (324.7)	131.17 (3,332)	1,000,000 (453,592)	8,000 (55.16)
14	11.94 (303.28)	2.44 (62.0)	103.5 - 113.0	12.203 (320.0)	12.783 (324.7)	131.17 (3,332)	1,000,000 (453,592)	8,000 (55.16)
16	14.18 (360.2)	3.00 (76.2)	95.0 - 97.0	14.684 (373.0)	15.079 (383.0)	135.50 (3,442)	1,000,000 (453,592)	7,500 (51.71)

\*Please consult your Halliburton representative to determine maximum hang-off and pressure test requirements.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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