

# CAMERON® FlexPacker-NR™ (Narrow Range) Ram Packer

*The Economical Ram Packer with Maximum Service Life*

## Availability

The FlexPacker-NR is available to fit standard pipe rams for CAMERON BOPs. The most common sizes are shown in the chart on the right. FlexPacker-NR packers for other size BOPs and other pipe size ranges are available upon request. Genuine FlexPacker-NRs are only available from Cameron.

## FlexPacker-NR Test Results

Size Tested: 13-5/8" 10,000 psi WP - 6-5/8" to 5"

## Performance Statistics

- Completed API 16A Qualification Test (546 Closures including 78 Pressure Tests). We added an additional 345 Closures and 50 Pressure Tests.
- Total Closures = 891
- Pressure Tests = 128

## Description

Cameron's FlexPacker-NR is a narrow range variable bore ram packer designed for use with tapered drill strings. The FlexPacker-NR fits standard fixed bore CAMERON rams, saving the cost of purchasing special rams for variable bore sealing.

The FlexPacker-NR seals around a range of specified pipe sizes to provide economical sealing capabilities at a fraction of the cost of traditional wide range packers.

The patent pending FlexPacker-NR design features metal inserts bonded into the elastomer which move radially as BOP rams close. As the rams energize, the set of metal inserts matching the size of pipe in the bore is forced against the pipe. This design virtually eliminates elastomer extrusion and ensures uniform distribution of pressure around the pipe. Maximum service life is achieved at the extremes of the specified size range for this ram packer. In addition, the FlexPacker-NR has been qualification tested to API 16A standards.

See the chart below for additional information on FlexPacker-NR sizes, working pressures and part numbers

**Please call 281.391.4644 or fax 281.391.4635**

for price and delivery information.



SD24364-96

BOP SIZE AND WORKING PRESSURE	PIPE SIZE RANGE	PART NUMBER
11" 10,000 psi WP, Type U	2-3/8" x 3-1/2"	2011740-01
11" 10,000 psi WP, Type U	3-1/2" x 5"	2163445-01
13-5/8" 3000, 5000 and 10,000 psi WP, Type U	2-3/8" x 3-1/2"	2011716-01
13-5/8" 3000, 5000 and 10,000 psi WP, Type U	3-1/2" x 5"	2011673-01
13-5/8" 3000, 5000 and 10,000 psi WP, Type U	5" x 6-5/8"	2011688-01
18-3/4" 10,000 psi WP, Type U	5" x 6-5/8"	2011907-01
18-3/4" 10,000 psi WP, Type U	5" x 6-5/8"	2011701-01
18-3/4" 10,000 psi WP, Type U	5" x 6-5/8"	2011870-01
18-3/4" 10,000 psi WP, Type U	5" x 5-1/2"	2011641-01