

# MZ-Xpress Isolation Packer

Cased hole, single-trip, multizone gravel and frac packing

## SYSTEM APPLICATIONS

- Multizone completions
- Frac-packing operations
- Gravel-packing operations
- Land and offshore environments, including deep water
- Vertical or deviated wells

## SYSTEM BENEFITS

- Cost and time savings due to
  - reduced rig time
  - high-flow-rate and proppant capacity

## PACKER FEATURES

- Modular design that facilitates multiple configurations
- Complete isolation between zones
- Ability to be set individually or simultaneously
- Built-in position indicators that facilitate testing of any of the isolation packer assemblies
- Capability of being pressure tested
- Design based on field-proven MRP modular retrievable and XHP premium production packer technologies

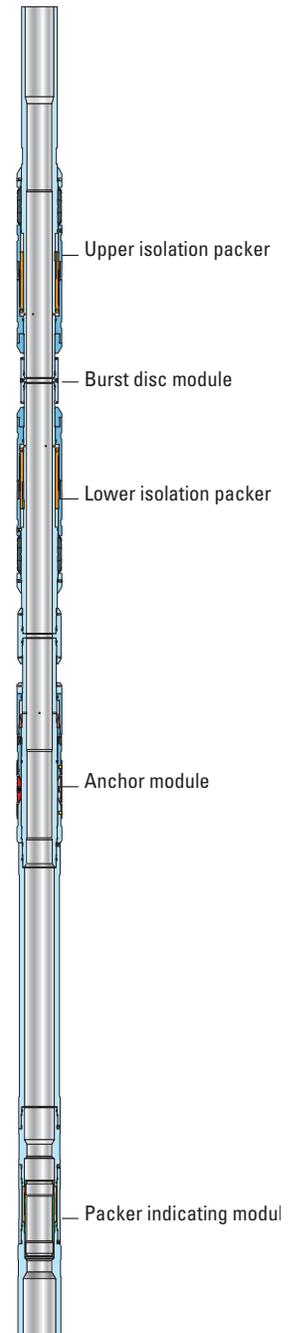
The MZ-Xpress\* isolation packer, built on field-proven technology, is designed for use with the MZ-Xpress completion system for cased hole, single-trip, multizone gravel and frac packing.

The MZ-Xpress isolation packer is available in a modular design that allows flexible configurations, from a single-element to a dual-element design. The dual-element design is equipped with a burst disk between the elements for pressure testing. For higher-pressure operations, the optional anchor eliminates any potential movement of the isolation packers.

The isolation packer assembly is hydraulically set by pressuring the tubing to create a differential pressure of 3,500 psi. When the dual-element isolation packer is used, increasing the internal pressure to 5,500 psi bursts the rupture disk between the dual elements, allowing pressure testing on the elements to confirm the packer's seal and pressure integrity. Multiple isolation packer assemblies can be set in a wellbore simultaneously or individually, depending on user requirements.

MZ-Xpress isolation packers are retrievable. Those equipped with an anchor can be retrieved before the anchor is set (hydraulically) at the initiation of the respective zone's gravel-pack or frac-pack treatment.

The MZ-Xpress isolation packer has a built-in position indicator that provides a mechanical reference inside the completion. The position indicator develops 30,000 to 50,000 lbf of overpull as the service tool passes through the position indicator, simplifying the process of selectively setting and individually testing any of the isolation packer assemblies.



*MZ-Xpress dual element isolation packer with anchor.*

# MZ-Xpress Isolation Packer

## MZ-Xpress Isolation Packer Specifications

Casing size, in [mm]	7.000 [177.8]	7.000 [177.8]	7.625 [193.6]	7.625 [193.6]	9.625 [244.5]
Casing weight, lbm/ft	26–29	32–35	26.4–29.7	33.7–39	47–53.5
Max. OD, in [mm]	6.000 [152.40]	5.85 [148.59]	6.690 [169.92]	6.440 [163.57]	8.315 [211.20]
Nominal ID, in [mm]	2.813 [71.5]	2.813 [71.5]	2.813 [71.5]	2.813 [71.5]	4.562 [115.9]
Length, in [m]	156 [3.96]	156 [3.96]	156 [3.96]	156 [3.96]	159 [4.03]
Max. working temperature, degF [degC]	250 [121]	250 [121]	250 [121]	250 [121]	250 [121]
Differential pressure rating, psi [kPa]	10,000 [68.948]	10,000 [68.948]	10,000 [68.948]	10,000 [68.948]	10,000 [68.948]

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