

# HR™ Series Packers

Production Packers for Challenging Applications



## Applications:

- Conventional mono-bore completions
- ESP completions
- Multi-zone Production Applications
- Intelligent completions
- Chemical Injection below packer
- Annular gas venting
- Controlling lower completion tools
- Temperatures from 75° to 275°F [4° to 135°C] – higher temperature ranges are upon request

## Benefits:

- Large Slip contact footprint provides maximum holding force with minimal Casing damage
- Resists pre-set and does not re-set after pulling
- Running and setting flexibility
- API-11D1, V3 Validated

## Features:

- Control line or tubing pressure setting methods
- Adjustable setting pressure
- Ultra-compact modular design
- Variable, straight-pull shear-to-release up to 50-300 kips
- V0 Rating upon request
- Elastomer and element trim options available

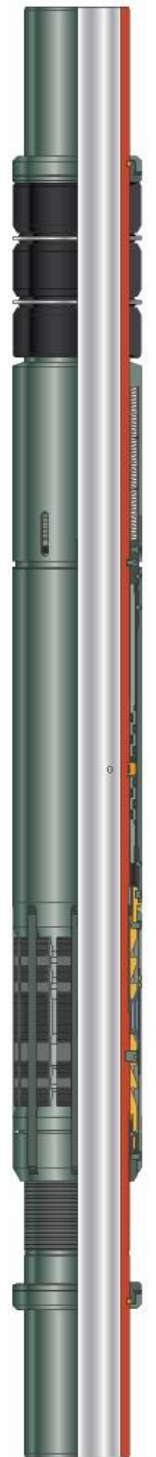
## Description

Tejas HR™ Series Packers (Hydraulic Set/Retrievable) are designed to accommodate a multitude of configurations, including concentric long-string with multi-port by-pass or eccentric configuration for dual string or ESP cable by-pass. Additional by-pass ports are available to accommodate gas venting, injection lines, and/or gauge lines. These HR™ Series Packers require no tubing movement during setting operations.

The standard combination HNBR elements may be upgraded to a premium elastomer such as AFLAS® or FKM, as required. The element system resists swabbing even at high run speeds. Leak potential is reduced by utilizing a minimal O-ring design approach.

The HR™ Series Packers utilize large slip engagement with bi-directional carburized barrel type slips that rigidly hold the packers in place and minimizing the risk of casing damage.

These straight pull-to-release packers are rated up to 6,500 psi differential pressure from above or below, depending on the shear release setting value. Shear values are easily modified. Once released, the HR™ series packers can be manipulated during recovery without concern of resetting the packer accidentally.



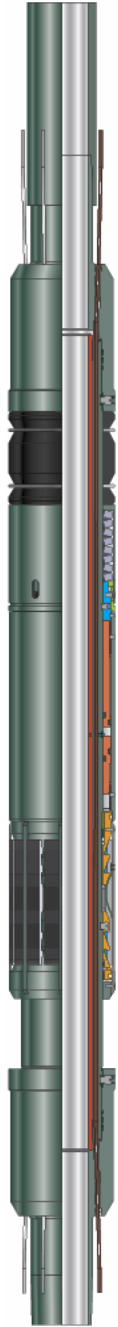
Single String  
HR™ Packer

# HR™ Series Packers

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## Engineering Data



Casing Size in [mm]	Casing Weight ppf	Gage OD in [mm]	Min ID in [mm]	Working Pressure psi [kPa]
7.000 [177.8]	23-26	6.705 [154]	3.879 [99]	6,500 [44,800]
	26-29	5.989 [152]		
	29-32	5.902 [150]		
	32-35	5.817 [148]		
7.625 [193.6]	20-24	6.800 [173]	4.376 [111]	6,500 [44,800]
	26.4-29.7	6.675 [170]		
	29.7-33.7	6.586 [170]		
	33.7-39	6.441 [164]		
9.625 [244.5]	32.3-40	8.622 [219]	5.251 [133]	5,000 [34,400]
	40-47	8.464 [215]		
	47-53.5	8.318 [211]		
10.750 [273.05]	51-55.5	9.496 [241]	5.875 [149]	5,000 [34,400]
	55.5-60.7	9.410 [239]		
	60.7-65.7	9.315 [237]		
	65.7-71.1	9.220 [234]		

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† The engineering data provided illustrate the scope of this product offering and are not all inclusive. Additional sizes and pressure ratings are available upon request.

Direct request for quotations to: [product.sales@tejasre.com](mailto:product.sales@tejasre.com)

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HR-FT™ Packer