

# ZXP-N Liner Top Packer

Ensure maximum seal integrity at moderate temperatures

## Applications

- Moderate temperature environments when a liner top seal is required

## Features and benefits

- Expanding metal seal element with a bonded nitrile elastomeric cover
  - Ensures seal integrity at moderate temperatures
- Bonded ZX Seal
  - Prevents swab-off
  - Allows for higher circulation

The Baker Hughes ZXP-N™ liner top packer is a compression-set liner top packer that uses a modified ZX™ packing element design to ensure an effective liner top seal. The expanding metal seal element for the ZXP-N liner top packer is molded with a bonded nitrile elastomer for a high pressure rating and high circulation rates at moderate temperatures.

The annealed steel and elastomer ZX element is actuated by applying set-down weight to the tieback extension through the setting dogs on the liner running tool. This force drives the ZX seal up a ramp, causing it to expand and conform to the casing inside diameter (ID). The element's external ribs seal off any extrusion gap, trapping the setting force and preventing flow of the elastomer. A body lock ring system incorporated in the ZX seal holds a permanent set in the seal after it is actuated.

The ZXP-N liner top packer is typically run as an integral component of the primary liner hookup, and is compression-set using a packer setting dog sub or a hydraulic pusher tool.



Liner Packer Size (Liner x Casing)	Casing Size		Casing Weight	
	In.	mm	Lb/ft	kgm
5.000	7.000	7.000	7.000	7.000
5.500	7.625	7.625	7.625	7.625
	193.7	193.7	193.7	193.7
7.000	9.625	244.5	47.0-53.5	70.1-79.8
7.625	9.625	244.5	47.0-53.5	70.1-79.8