

MAXIMUS

Completion Systems



LINER HANGER SYSTEMS

365 Manjusar G.I.D.C.,
Taluka Savli,
Vadodara- 391745,
Gujarat State,
India.

www.maximuscompletions.com

MAGNUS TIE BACK PACKER

TECH UNIT No.	273
MODEL	MTBP
DATE	08/01/2018
REV.	00

LINER HANGER SYSTEMS TECHNICAL UNIT

Authored by: RAJAT

MAGNUS TIE BACK PACKER

Approved by: Jogendra Singh

DESCRIPTION & APPLICATION:-

Magnus Tieback Packer is Single Grip, Compression Set, Liner Top Isolation Packer that is most frequently run on drill pipe to repair a liner lap leak or for a mono bore liner top completion, using a mechanical setting tool and a liner setting sleeve with MPBR Extension. Up on running into the existing liner MPBR Extension, the integral seal stem at the bottom is inserted until seated and pressure tested down the work string. Additional slack off weight trips the Collet lock nose and actuates the upper packing element, forming a pressure tight seal between the annulus of the casing and the liner.

Magnus Tieback Packer is straight slack off weight setting mechanism eliminates pipe rotation, hydraulic setting ports and/or temporary plugging devices to set the packer.

FEATURES AND ADVANTAGES: -

1. Full Bore single mandrel-Provides an unrestricted ID to the liner top on place.
2. The Elastomeric/metal seal element is highly resistant to swab-off and mechanical damage while running in the hole.
3. Seals on the seal stem ensure high pressure integrity even after repeated hot stabbing into the Liner PBR Extension. Due to its design, the Seal is less susceptible to damage while stabbing and un-stabbing under pressure versus the conventional V-type Chevron packing.
4. Slips provide maximum hold down and up capabilities without damaging casing or packer mandrel.



LINER HANGER SYSTEMS TECHNICAL UNIT

Authored by: RAJAT

TECH UNIT No.	273
MODEL	MTBP
DATE	08/01/2018
REV.	00

MAGNUS TIE BACK PACKER

Approved by: Jogendra Singh

5. Useful as a Liner Top Packer when running scab or tie back liners to surface.
6. Collet lock Nose feature prevents pre-setting while running in the hole.
7. Positive set is held by internal body lock ring.
8. Withstands high pressure and temperature.
9. Unique design eliminates tubing forces from being transferred into the Packer element.

AVAILABLE SIZES :-

➡ 3-1/2" TO 20".