

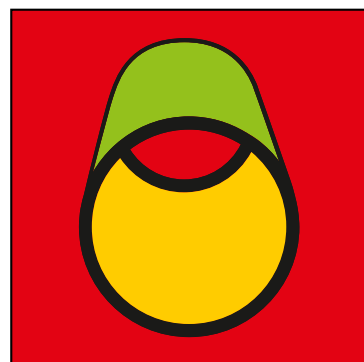
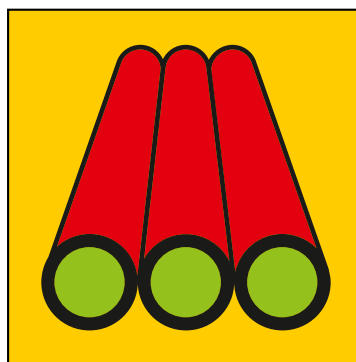
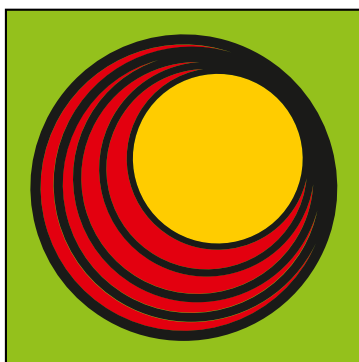
TPS TECHNITUBE[®] RÖHRENWERKE GMBH



THE NEW TPS OCTG CONNECTION:

TPS TOPSEAL

Superior Performance Threaded and Coupled
Connection (T&C) for challenging Operations



THE NEW OCTG CONNECTION:

TPS TOPSEAL

BENEFITS OF THE NEW TPS-TOPSEAL

Increased Pressure resistance & Recess free ID - flush transition area

- TPS-Topseal offers 100% internal pressure, collapse and tension capacity
- Compression capacity is 100% (2 7/8" – 4 1/2") respectively 60% (5" and above)
- TPS-Topseal results in reduction of flow turbulences by offering greater control over your operations

Refined Metal-to-Metal Seal

- TPS-Topseal supports combined loads and repeated make-ups by ensuring sealing integrity

Advanced Thread Design & Reverse Angle Torque Shoulder

- TPS-Topseal positive torque stop ensures accurate power tight make-up by increased connection strength
- TPS-Topseal hook type thread design with negative load flanks increases resistance to combined loads

Field-ready - Compatibility

- Compatibility tests of TPS-Topseal with VAM TOP from Vallourec or Vallourec's authorized licensee witnessed and confirmed by Tuboscope Vetco (Deutschland) GmbH
- Extensive testing program conducted with certified make-up & breakout tests

Easy & Fast make-up for field operations

- TPS-Topseal minimizes the risks of thread jump-outs and galling
- TPS-Topseal is available as tubing, intermediate & production casing, liner, test- or fracstring for all challenging applications in Oil & Gas, geothermal, caverns and storage projects

Easy to use & repair

- Well known easy to repair thread design supported by TPS-Topseal licensees around the globe

Supply Range of TPS-Topseal

- The new TPS-Topseal covers complete tubing & pipe packages including accessories like Pup Joints, X-Overs, Blast- Joints, Flow Couplings and more from stock and new manufacturing from TPS - your OCTG partner. One stop shop.



TPS TOPSEAL TPS API
3 1/2" x

A CONNECTION YOU CAN RELY ON.

TPS-Topseal offers a cost-effective solution for complex environments including critical applications or deviated well profiles – the new TPS-Topseal is available in standard version as well as in special clearance or sour service and H₂S resistant grade options.

TPS-Topseal is a superior performance threaded and coupled connection (T&C) designed for challenging operations. The new TPS-Topseal is compatible with VAM TOP from Vallourec or Vallourec's authorized licensee.

TPS-Topseal provides conclusive benefits that make it the perfect T&C connection for your next project – please contact your TPS representative today.

TPS-TOPEAL

TPS TOPSEAL GRADES

Any standard API Grade:	J-55, L/N-80, P-110
Sour Service & H2S Grades:	T-95, C-110
Further Grades:	available on request

TPS-Topseal grades in tubing and casing sizes from 2 7/8" up to 5 1/2" OD

SPECIAL OPTIONS

Coating:

Internal plastic coating greatly improves corrosion resistance and extends the product lifetime

Special Clearance:

Reduced Coupling OD for slim hole applications (adjusted mechanical properties may apply)

Special Bevel:

Coupling shoulder bevel to reduce risk of coupling hanging up

Standard & Special Drifts

TPS Topseal is available in standard and special length & drift ranges.

TECHNICAL DETAILS

Download datasheets for TPS Topseal and all other TPS Premium connections:
<https://www.tps-technitube.com/datasheetgenerator>

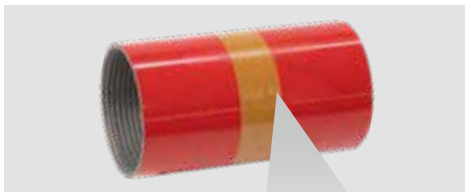


TPS TOPSEAL ACCESSORIES

The new TPS Topseal covers complete tubing & pipe packages including accessories like Pup Joints, X-Overs, Blast- Joints, Flow Couplings and more - your TPS OCTG partner - one stop shop.



X-Over



Coupling

TPS API 5CT 13 SF
3 1/2" x 9,2 LB/FT L
TPS TOPSEAL



Lifting Cap



Pup Joint

Combination of TPS-Topseal Tubing with VAM TOP from Vallourec or Vallourec's authorized licensee Coupling and Tubing



Please visit www.tps-technitube.com/tps-topseal for more information.

TPS-Topseal Made in Germany

TPS-Topseal is manufactured at TPS-Technitube Röhrenwerke GmbH in Daun, Germany, and provides conclusive benefits that make it the perfect T&C connection for your next project – one source, one passion.



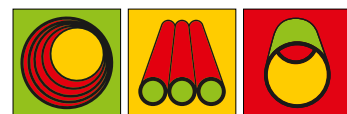
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