



GAS SEALABILITY
FOR SHALE
PLAYS



IDEAL FOR
EXTENDED
LATERALS



FAST
& EASY
RUNNING

**OPTIMIZED
TORQUE & GAS
SEALABILITY FOR
SHALE APPLICATIONS**

- ENSURES 100% PIPE BODY STRENGTH AND PRESSURES
- FULL GAS SEALABILITY AT COMBINED LOADS
- EXTREMELY HIGH OPERATIONAL TORQUE
- FAST AND EASY RUNNING THREAD FORM



PROVEN PERFORMANCE FOR SHALE GAS

VAM® XTRA is a new threaded and coupled premium connection innovatively designed for extreme high torque shale gas applications. Powered by the industry proven, reliable hooked thread form VAM® is known for, now with shale gas validated performance. VAM® XTRA stands up to the unique challenges of shale - ensuring consistent, reliable performance where it matters most.

PERFORMANCE

- Easier running compared to wedge thread form performance
- Higher operational torque than VAM® 21 HT
- 100% pipe body performance
- Up to 30deg/100ft bending rating
- Low hoop stress

APPLICATIONS

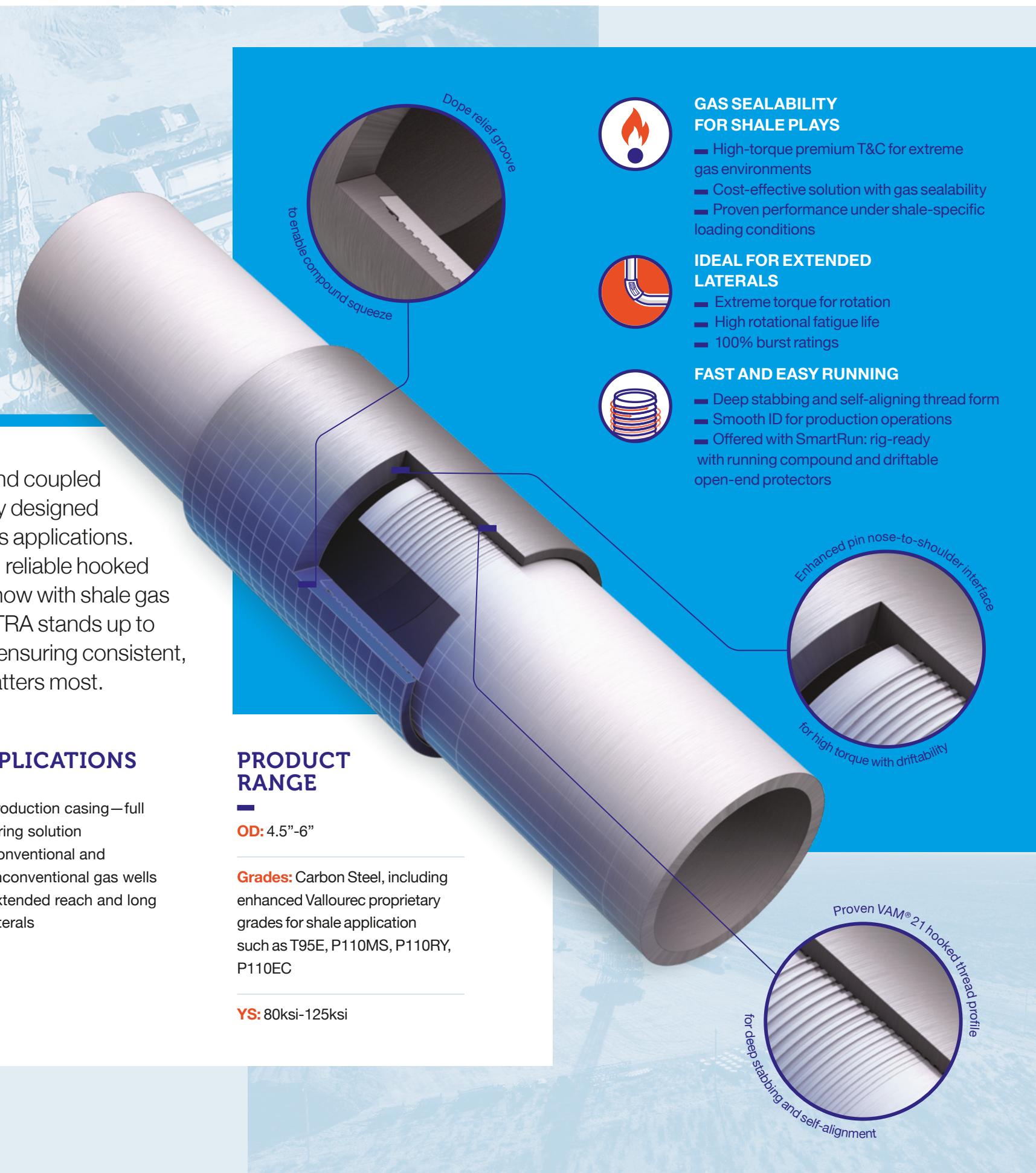
- Production casing—full string solution
- Conventional and unconventional gas wells
- Extended reach and long laterals

PRODUCT RANGE

OD: 4.5"-6"

Grades: Carbon Steel, including enhanced Vallourec proprietary grades for shale application such as T95E, P110MS, P110RY, P110EC

YS: 80ksi-125ksi



GAS SEALABILITY FOR SHALE PLAYS

- High-torque premium T&C for extreme gas environments
- Cost-effective solution with gas sealability
- Proven performance under shale-specific loading conditions

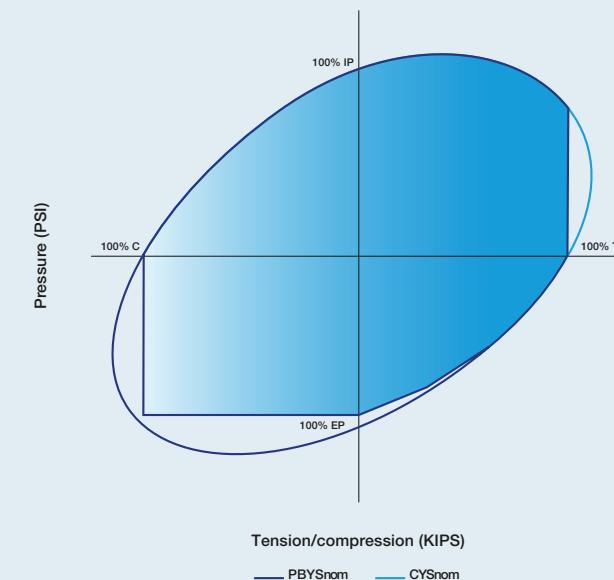
IDEAL FOR EXTENDED LATERALS

- Extreme torque for rotation
- High rotational fatigue life
- 100% burst ratings

FAST AND EASY RUNNING

- Deep stabbing and self-aligning thread form
- Smooth ID for production operations
- Offered with SmartRun: rig-ready with running compound and driftable open-end protectors

VAM® XTRA PERFORMANCE ENVELOPE



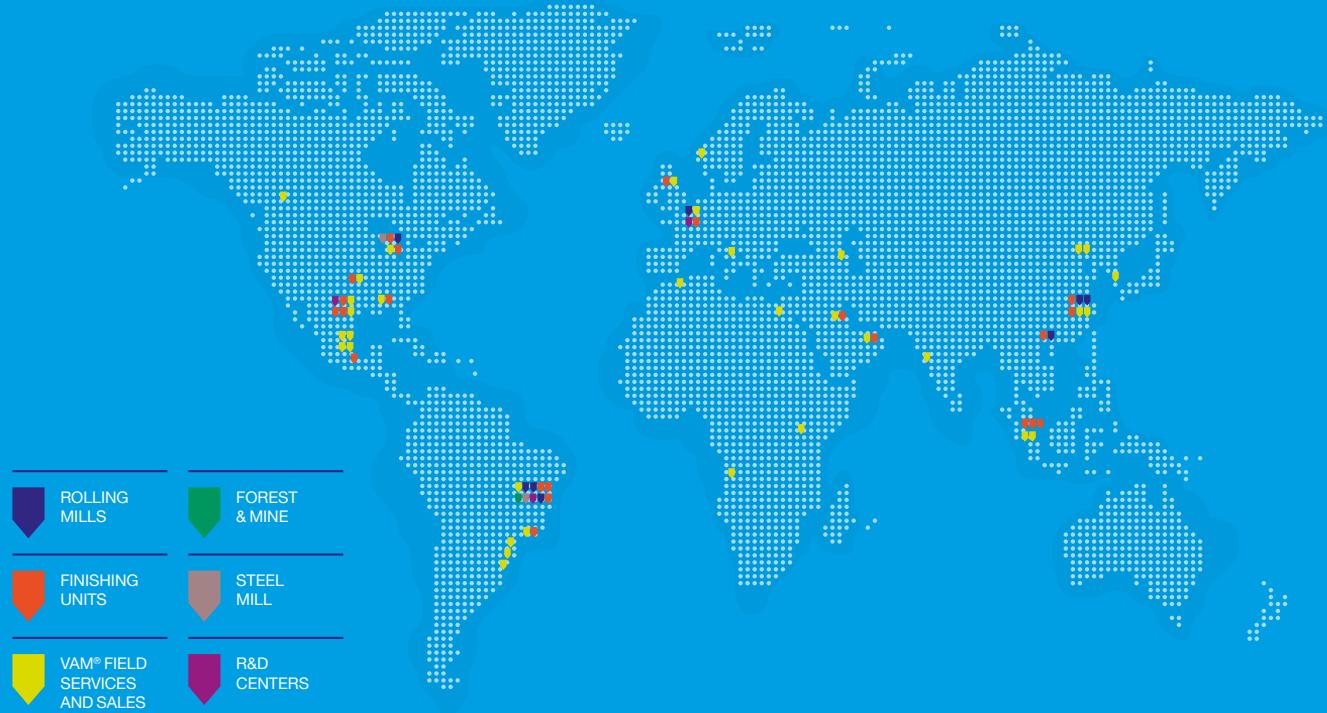
PROVEN PERFORMANCE IN SHALE OPERATIONS

VAM® XTRA delivers trusted reliability in demanding shale environments. Validated through the VAM® Shale Protocol, it has demonstrated exceptional performance across all critical phases—installation, stimulation, and production—in alignment with API 5SF (2019) and API RP 5C5 (2017) standards.

Key highlights:

- Verified fatigue resistance with 40,000 resonant bending cycles
- Maintains integrity with post-fatigue makeup to MTS levels
- Hydraulic Fracturing Cyclic Loading – 100 stages of Maximum Internal Yield Pressure
- Gas production load scenarios tested with combined axial and pressure as well as limit load cases
- Proven gas sealing capability at high temperatures and bending

YOUR PARTNER, SETTING
THE PACE FOR INNOVATION
AND PERFORMANCE
EVOLUTION



NEED MORE INFORMATION?

Information is available online on
solutions.vallourec.com or by
scanning the following QR code.



solutions.vallourec.com



contact@vallourec.com
Headquarters

12, rue de la Verrerie
92190 Meudon - FRANCE
Phone: +33 1 49 09 35 00
www.vallourec.com