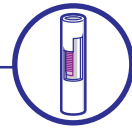


VAM[®] EDGE SF4

CONNECTIONS



EXTREME
HIGH TORQUE



HIGH
CLEARANCE



FAST
RUNNING



HIGH TORQUE FOR EXTENDED REACH CHALLENGES

- PREMIUM SEMI-FLUSH CONNECTION
- DESIGNED EXCLUSIVELY FOR SHALE
- SINGLE SOLUTION FOR VERTICAL AND HORIZONTAL

VAM® EDGE SF+

EXTENDING THE LIMITS IN SHALE OPERATIONS

A gas-tight semi-flush premium connection, VAM® EDGE SF+'s high-tension efficiency plus extreme high-torque capacity make it ideal to run a full string length as production casing in shale wells. Designed specifically for extreme shale applications, VAM® EDGE SF+ offers a single Fit-for-Shale solution for both vertical and extended laterals up to 15,000ft.

PERFORMANCE

- Fit-for-Shale VAM® protocol
- High torque capacity
- Tension and compression capacity: up to 85% pipe body
- Internal pressure rating: 100% pipe body (liquid)
- Bending capacity up to 40°/100ft under combined loads
- Sealability performances as per API RP 5C5:2017 CAL II
- Stab deep for easy running

APPLICATIONS

- Fracking and Production string in shale wells
- Rotating the strings downhole
- Long laterals and Extended Reach wells

PRODUCT RANGE

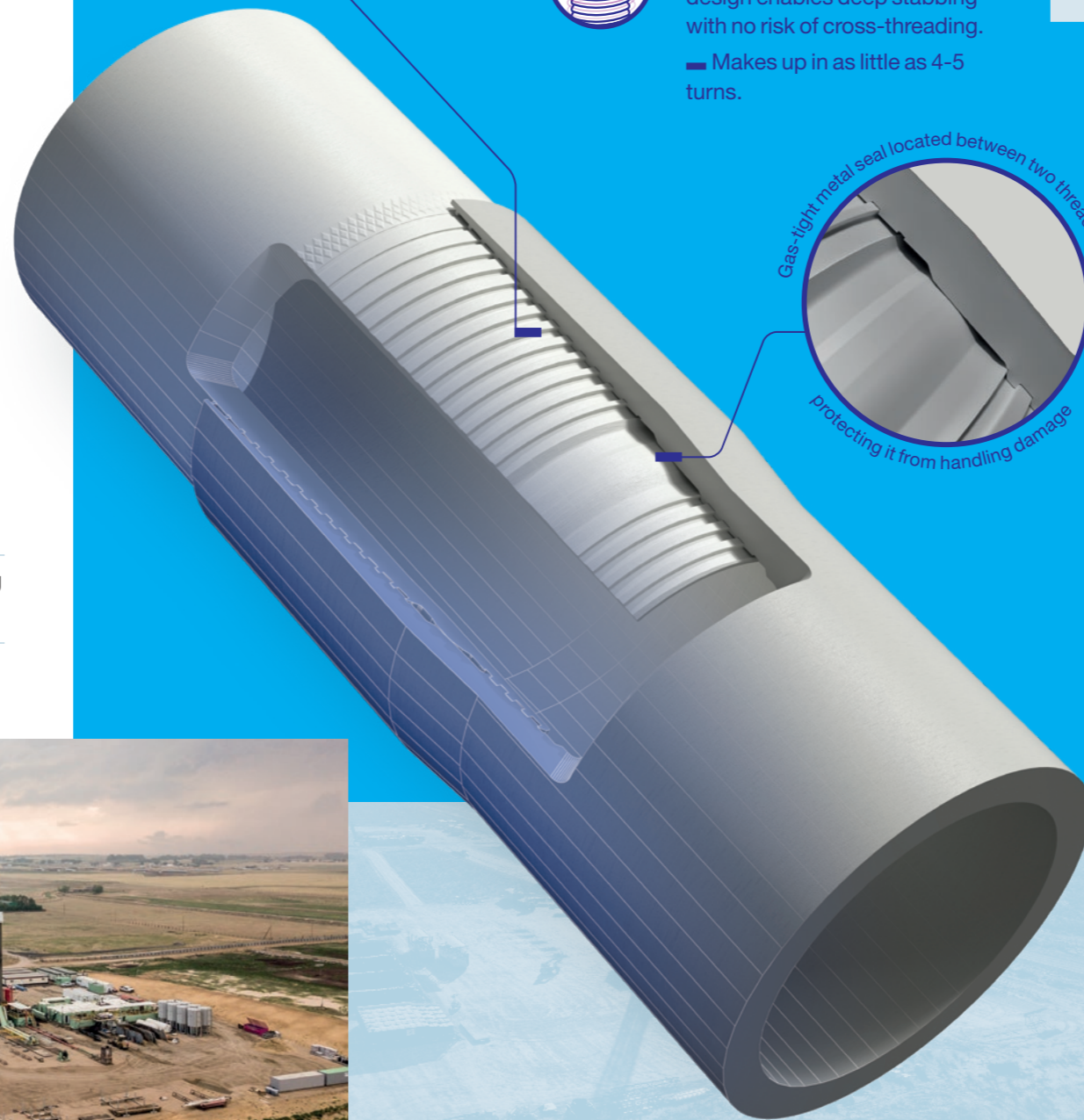
OD: 4 1/2" to 5 1/2"

Grades: Carbon steel including High Collapse grades

YS: 95 to 125 ksi

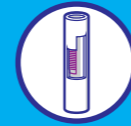


Dovetail design for extreme high torque



EXTREME HIGH TORQUE

Unmatched rotational torque capability, ideal for longer laterals pushing 15,000ft.



HIGH CLEARANCE

Slim, semi-flush design provides high clearance with high tension and compression ratings.

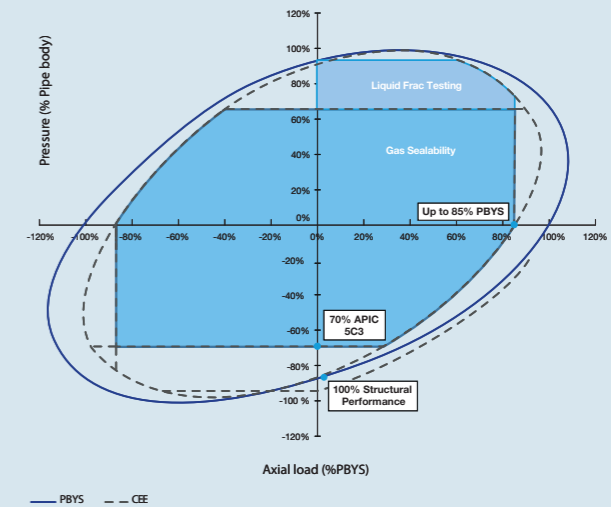


FAST RUNNING

Tapered two-step thread design enables deep stabbing with no risk of cross-threading. Makes up in as little as 4-5 turns.

Gas-tight metal seal located between two thread steps
Protecting it from handling damage

VAM® EDGE SF+ VME PERFORMANCE ENVELOPE



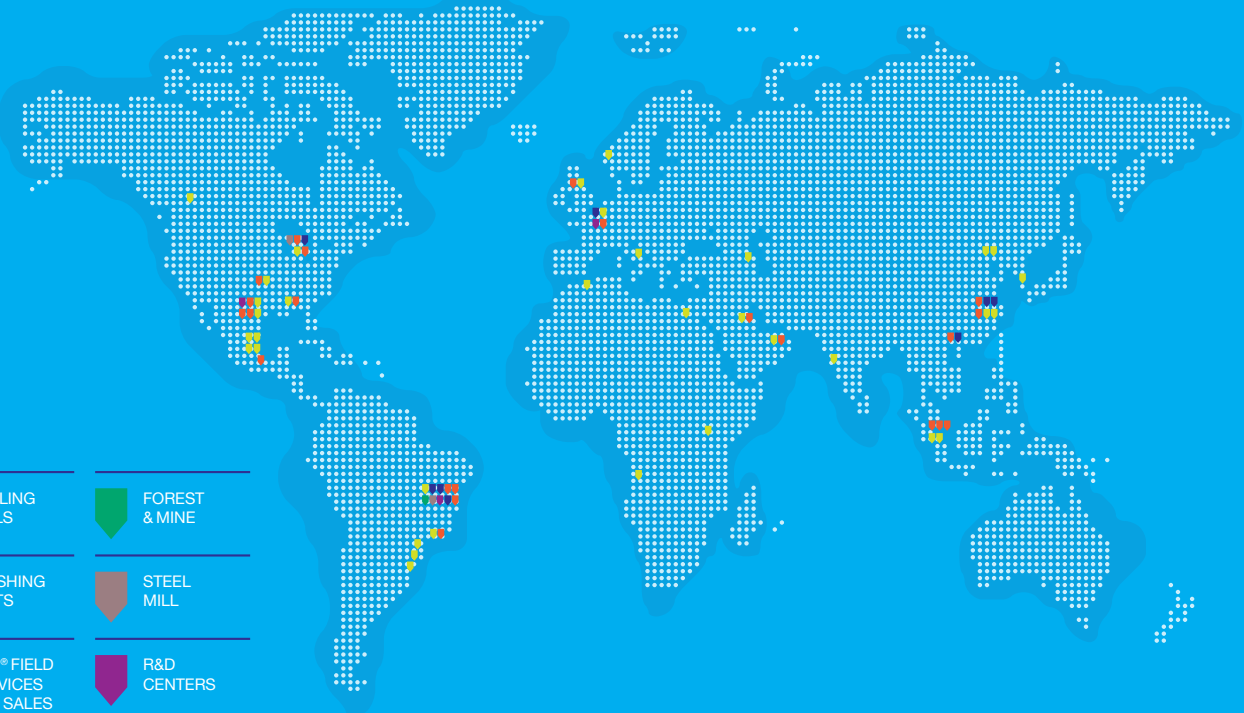
WIDELY TRUSTED IN SHALE PLAYS

With over 70,000 joints (~57,700 MT) run in the field, VAM® EDGE SF+ is extensively used as production casing in US shale plays (Haynesville, Permian, Eagle Ford).

"This high-performance solution allows us to set intermediate strings at least 2,000 feet deeper with maximum clearance. Extensive teamwork produced a customized yet cost effective design without sacrificing excellent performance."

A PERMIAN OPERATOR

YOUR PARTNER, SETTING
THE PACE FOR INNOVATION
AND PERFORMANCE
EVOLUTION



ROLLING MILLS

FOREST & MINE

FINISHING UNITS

STEEL MILL

VAM® FIELD SERVICES AND SALES

R&D CENTERS

NEED MORE INFORMATION?

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