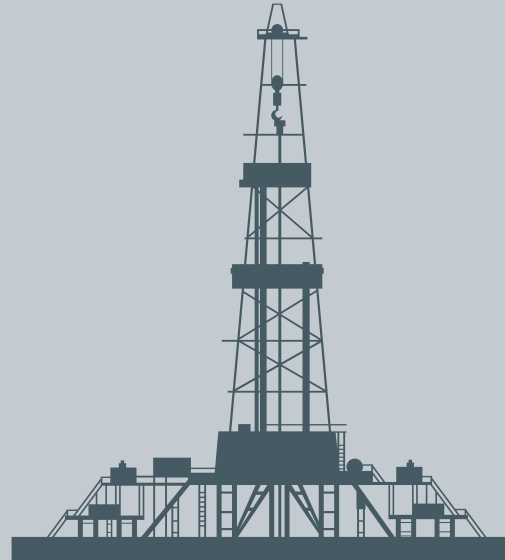




INTERPIPE



**UPJ-M
PREMIUM CONNECTION**

QUALIFIED ISO 13679 CAL IV

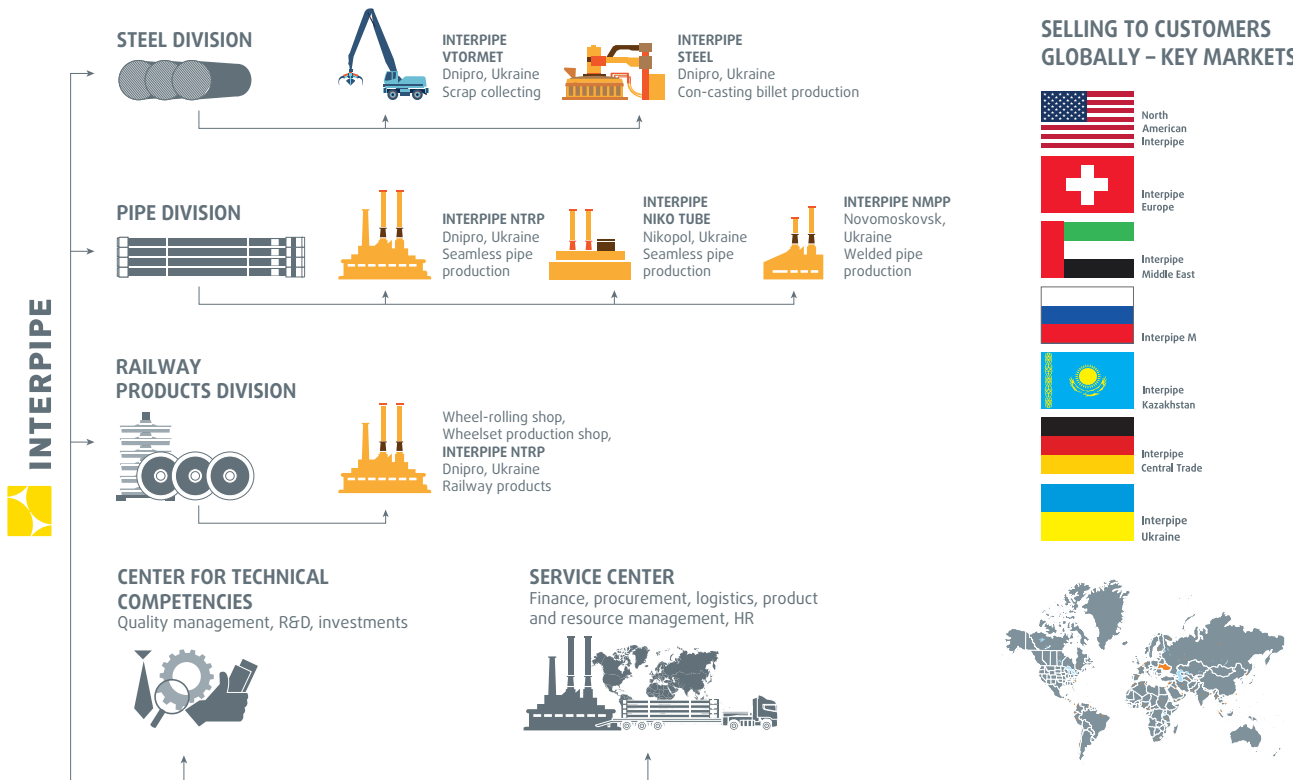


INTERPIPE AT A GLANCE

Interpipe is a global steel pipe producer for oil & gas exploration and transportation, power generation, mechanical and structural use.

The company supplies products to more than 80 countries around the world through its network of sales offices located in the key markets of Ukraine, CIS, the Middle East, North America and Europe.

The Interpipe structure includes production facilities located in the Dnipro region, one of Ukraine's major industrial centers. The company includes three operating divisions – Steel, Pipe and Railway Products. Such a business structure allows product quality control at every stage – from the manufacturing of raw materials to the delivery of final products to customers.



INTERPIPE UPJ-M IS A PROPRIETARY GAS-TIGHT CONNECTION, CERTIFIED IN ACCORDANCE WITH ISO 13679 CAL IV

To meet new customer challenges and assure the safety of deep drilling with high formation pressures and increased temperatures, Interpipe developed UPJ-M premium connection. The company proved that this proprietary solution meets the highest industry requirements and successfully passed the ISO 13679 CAL IV test.

DESIGNED FOR THE MOST SEVERE WELL CONDITIONS

The connection design allows it to be used in the most severe well conditions. Interpipe UPJ-M connection can be used in oil, gas and gas-condensate wells. Even in S-type, deep or horizontal wells "metal-to-metal seal" leak-prevention system guarantees string sealability. Along with corrosion-resistant alloys and sour service material, UPJ-M can be used in hydrogen sulfite and carbon dioxide environments.

PRODUCT RANGE:

| Product | mm | in |
|---------|---------------|------------------|
| Casing | 114.3 – 339.7 | 4 1/2" – 13 3/8" |
| Tubing | 60.32 – 114.3 | 2 3/8" – 4 1/2" |

STEEL GRADES:

| |
|---------------|
| API |
| Sour Service |
| High Collapse |



THREAD GEOMETRY DESIGN ASSURES STRING SEALABILITY



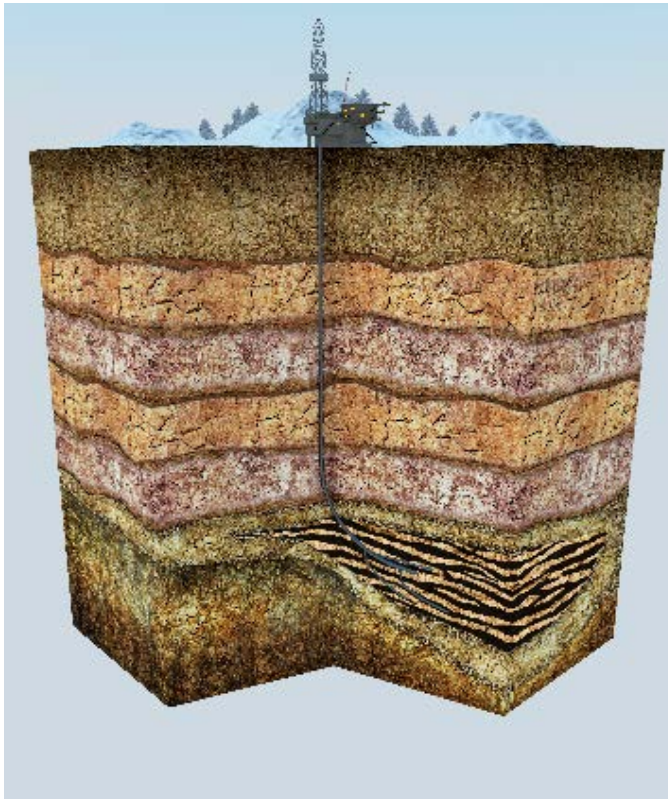
SUCCESSFUL RUNNING HISTORY OF UPJ-M PREMIUM CONNECTION

UPJ-M premium connection has been successfully used in the gas fields of Ukraine as an intermediate and production casing.

UPJ-M withstands not only high dogleg severity, but also assures leak-free gas production from the field located at a depth of 6,300 meters, with a formation pressure of over 800 atm. and temperature higher than 140°C. The running history counts over 1 million meters of pipes with UPJ-M successfully loaded into the wells.

FIELD SERVICE 24/7

To provide the best post-production service Interpipe's running assistance team was present during the entire run-in-hole operations, based on a 24/7 technical support system.



Wells depth:

> 6,000 m

Wells type:

Deviated gas wells

Environment:

Formation pressure > 800 atm.

Temperature > 140°C

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