

9/6/2017

VIT Corporation | Victoria International Tubular Corp | Products

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Tubing

Specification

- Size mm: 42 – 114.3mm
- Grade: H40, J55, K55, M65, L80, N80, R95, P110
- R1: 6,10 – 7,32 M
- R2: 8,53 – 9,75 M
- R3: 11,58 – 12,80 M



Casing

Specification

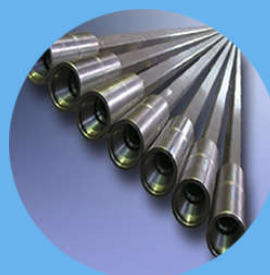
- Size mm: 114.3 – 177.8mm
- Grade: H40, J55, K55, M65, L80, N80, R95, P110
- R1: 4,88 – 7,62 M
- R2: 7,62 – 10,36 M
- R3: 10,36 – 14,63 M



Vacuum Insulated Tubing

Specification

- Size mm: 89 – 245mm
- Grade: E, D
- R1: 6,10 – 7,01 M
- R2: 8,84 – 9,75 M
- R3: 12,19 – 13,72 M



Premium Connection

Specification

- Size mm: 60.3 – 245mm
- Threaded form: 1T/2T/3T, 4T/5T/6T/7T/8T/9T/10T
- R1: 6,10 – 7,01 M
- R2: 8,84 – 9,75 M
- R3: 12,19 – 13,72 M



"VIT" with Premium Connection



RANGE:

89 –245mm (up to 11.6m)



CAPABILITY:

Manufacturing capability is 10000 MT a year



VACUUM:

One vacuum unit which can service 6 pipes at one time.



WELDING:

VIT up to 9 5/8" welded with an advanced automatic girth welding machine. This is the largest robotic welder available for VIT. Competitors have robotic weld capability up to 5 1/2" while manual welding larger diameters that could compromise vacuum integrity.



TESTING:

Apparent heat conductivity (measuring K value). One testing unit that can service 6 pipes at one time.



VIT Refurbishing Service:

Re-welding, re-introducing vacuum, testing for K value, prep for threading.



Insulated Sleeves

PATENTED VACUUM INSULATED SLEEVE



Composed of several layers of coaxial stainless steel tube



Internally filled with thermal insulation material



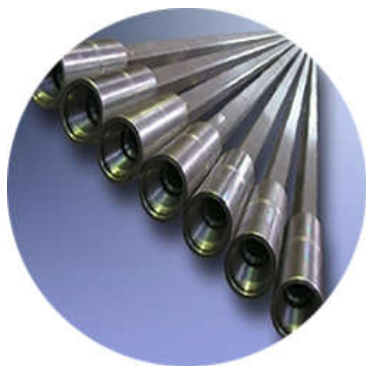
Vacuum induced



Both ends composed of composite material



PDVSA has seen reduction in coupling heat transfer and reduction of heat loss up to 30% (10 W/M or from 80C to 50C) as compared to conventional sleeves



Premium Connections



SD-2T :

Coupling type connection, the connection strength is equal to or higher than the pipe body; Buttress thread, which has high connecting strength, easier to process; Main sealing use radial seal structure with sphere surface at box end/ conical surface at pin end, which has better sealing effect; -200 Reverse torque shoulder, which improves the composite bearing capacity of the connection; Inner wall of the pipe body is at the same level with inner wall of the coupling.

Product Photos



SD-3T:

Coupling type connection, the connection strength is equal to or higher than the pipe body; Buttress thread, which has high connecting strength, easier to process; Main sealing use radial seal structure with conical surface at box end/ conical surface at pin end, which has better sealing effect; -150 Reverse torque shoulder, which improves the composite bearing capacity of the connection; Inner wall of the pipe body is at the same level with inner wall of the coupling.

Product Photos



SD-5T:

Flush joint connection, the connection strength is equal to the pipe body; Buttress thread, which has high connecting strength; Main sealing use radial seal structure with conical surface at box end/ conical surface at pin end, which has better sealing effect; Double shoulders structure with -30°Reverse torque shoulder and 90°torque shoulder, which improves the composite bearing capacity and sealing performance of the connection;

Product Photos

"VIT" advantage description:



It is composed of outer pipe, inner pipe, insulation, coupling, seal ring and insulated liner. The insulation includes multilayer aluminum foil and glass fiber.



Since the welding process is a critical step in qualified VIT construction, all welds are completed by robotic welding. This process improves both the level and longevity of the vacuum.



The gases which affect the thermal insulation property are cleared away, so that the thermal insulation property is declined slowly, and "VIT" keeps working well.



The inner tube of "VIT" can release the prestress when it is affected by heat of stream, which will compensate the inner tube and outer tube elongation, and it will guarantee the products' reliability.



The way Using "VIT" to conduct Steam injection will reduce heat loss significantly, and it can inject deeper and maintain the steam quality.



VIT" has no coupling and no upset end, and the inner tube and outer tube can use SD-5T premium connection. SD-5T is easy to buck on, metal to metal seal, and it has better anti-thread gluing capacity and longer service life. The non-vacuum part is shorter, so the heat loss will be reduced. "VIT" can meet the requirements of

different kinds of well design and operation.



"VIT" reduces thermal stress of Casing and cement sheath



Good heat insulated effect when used for oil extraction, reduce the heat loss significantly.



Our team of engineers can assist in tubing design taking into account your current operating parameters, well configuration and desired objective.

Sample Drawing

"The credibility of the iron quality, Golden promise"

We firmly believe that your recognition is our starting point for another brilliant breakthrough and also firmly believe that our cooperation will surely be the potential building blocks for your development.

 [Contact Us](#)



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4:30pm

Saturday & Sunday: Closed

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Production process

Vacuum Insulated Tubing

