



WAVISTRONG CST

The pipe system that combines corrosion resistance with electrical conductivity

Static electricity. A potential risk on offshore platforms and hydrocarbon manufacturing sites. Can light weight, corrosion resistant glassfibre epoxy pipes nevertheless be used under these conditions? Yes indeed they can! Provided that you apply Wavistrong CST, the electrical conductive pipesystem manufactured by Future Pipe Industries B.V. and specially designed to conduct static charges through pipes and fittings.



Pipes

The Wavistrong CST pipes have a conductive liner and

a structural wall with integrated carbon fibres. This ensures that no static charges will occur. If required a carbon fleece can be added at the outside to attain additional conductivity.



Fittings

Fittings and flanges are fully conductive due to the carbon fibres added to the structural wall.

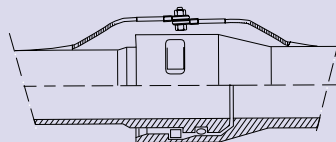


Conductive jointing techniques

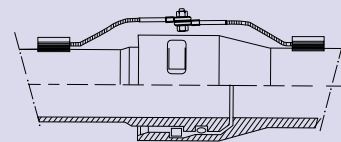
- Adhesive joints: pipes and fittings are jointed by using electrically conductive epoxy adhesive.
- Mechanical joints: Wavistrong Rubber Seal Lock Joints and other mechanical joints are made conductive by using grounding saddles with stainless steel cables, or by integrating copper cables into the pipe wall.



For further details concerning installation of CST pipe systems, see Wavistrong Installation Manual - above ground pipe systems.



Factory grounding



Field grounding

Grounding

The system can be grounded using the steel bolts of the flange connection or by additional grounding saddles connected to the steel structure.

Technical data

- Standard diameter range: 25 - 1400 mm
- Standard pressure range: 8 - 32 bar
- Standard temperature: up to 110 °C
- Resistivity acc to ASTM D 257: 1 M Ohms/m

Wavistrong pipes and fittings are made from glassfibre reinforced epoxy which is the ultimate solution for any pipe system operating under corrosive conditions, high pressures and/or temperatures.

Wavistrong CST is qualified according to UKOOA requirements and is manufactured under the ISO 9001 quality assurance system.

WAVISTRONG®

Strong, reliable and corrosion free



FUTURE PIPE INDUSTRIES B.V.

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