

WAVISTRONG®

Series CST Piping Solutions

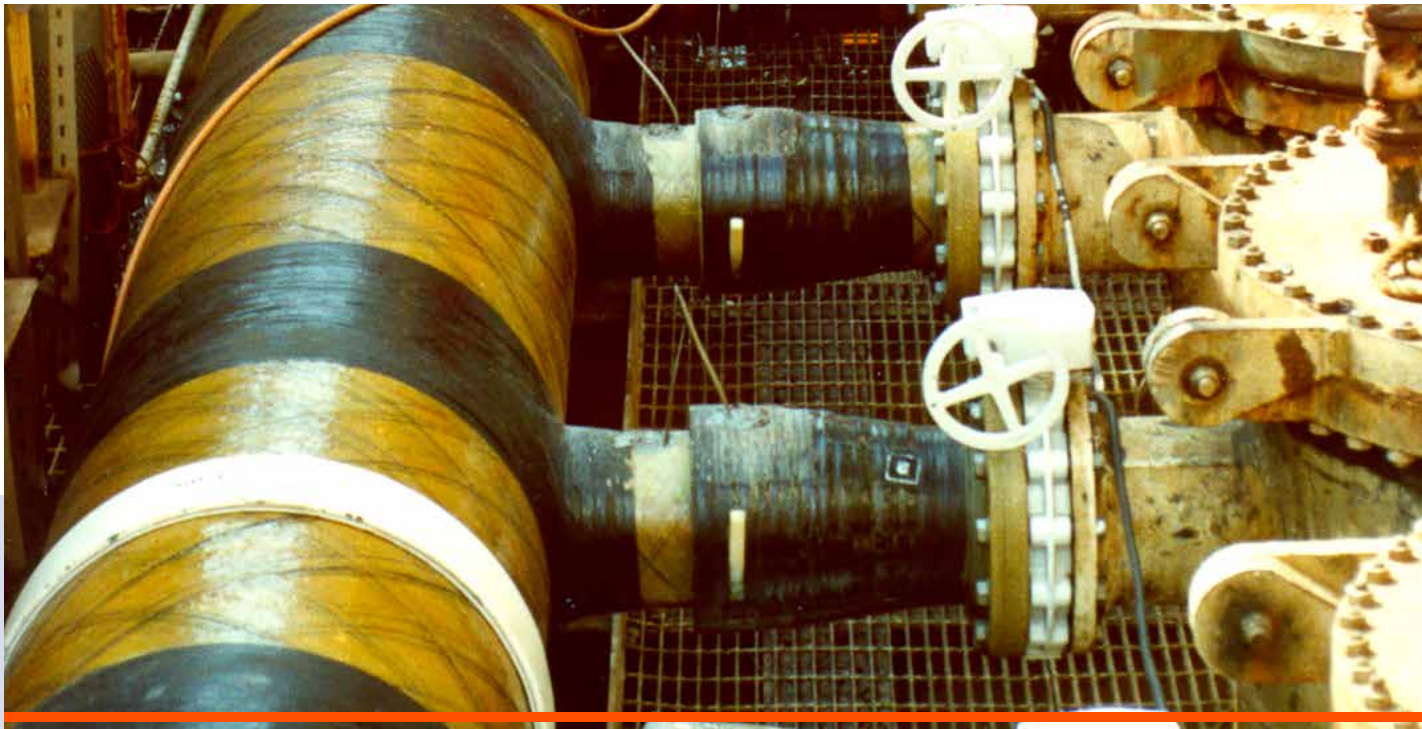
COMBINING CORROSION RESISTANCE WITH ELECTRICAL CONDUCTIVITY

Static electricity is a potential risk on offshore platforms and hydrocarbon manufacturing sites.

Manufactured by Future Pipe Industries, our Wavistrong series CST electrical conductive pipe solutions are designed to conduct static charges through pipes, fittings and joints. Additional benefits of the glassfiber epoxy pipes include being light-weight and corrosion resistant.

Wavistrong pipe and fittings are made from glassfiber reinforced epoxy which is a reliable and trusted solution for any pipe system operating under corrosive conditions, high pressure and/or high temperatures.

The Future Pipe Industries Wavistrong series CST is qualified according to UKOOA requirement and is manufactured under ISO 9001 quality assurance system.





PIPES

Our Wavistrong series CST pipes have a conductive liner and a structural wall with integrated electrical conductive fibers. This eliminates built up of static electricity. If required, a conductive fleece can also be added on the outside to attain additional conductivity.

TECHNICAL DATA

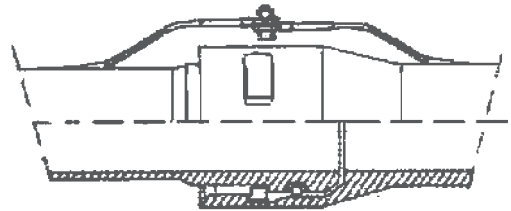
- Standard diameter range: 25mm – 1400mm
- Standard pressure range: 8 – 32 bar
- Standard temperature: up to 110 °C
- Resistivity acc to ASTM D 2577: 1M Ohms/m



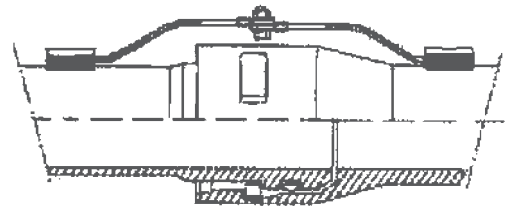
GROUNDING

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

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



Factory grounding



Field grounding

ELECTRICALLY CONDUCTIVE JOINTS

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.

