



HTPS™
HYDRO TRANSPORT PIPING SOLUTIONS

SLUR-e-JOIN™ CONNECTIONS

SLUR-e-JOIN™ connections are the next generation in medium pressure flanged HDPE lined steel pipe spools.

This is an innovative product, radically different in design and yet is fully interchangeable with Polypipe and other HDPE or rubber lined products.

The innovation yields direct financial, reliable benefits to the customer in respect of:

- Overall product costs
- Improved onsite installation efficiencies and commissioning
- Improved pressure capabilities for a one-stop solution
- First thermoplastic coupled connection for buried applications

WHY THE HTPS SLUR-e-JOIN™

BENEFITS OF THE PRODUCT:

- The flange-to-flange joint has significantly better rigidity compared to the “spaced flange” joint
- Standard studs and nuts without the exposed shank (reduced cost and theft risk) like on the Polypipe
- The elimination of flange warping due to over tensioning of bolts
- Higher joint loads in bend and axial directions. FEA done on the Flange pipe interface
- The embedded stub creates better seal alignment, anchoring and liner support and sealing interface. The addition of a secondary seal is possible further increasing pressure capability
- Lower incidence of damage of the seal area due to poor handling, stacking and installation practice
- Easier and faster to install ensuring a faster commissioning start-up compared to Polypipe
- Cost Competitive product with savings on installation but with improved performance
- HDPE welding is in accordance to ISO 21307:2017 through qualified technicians ensuring reliable solutions

SLUR-e-JOIN™ FLANGED CONNECTION CHARACTERISTICS:

- Pipe sizes of 100mm (114mm OD) - 800mm (810mm OD)
- Pipe lengths of 1m – 18m spools
- Pressure applications 16 bar to 60 bar
- Imbedded Machined HDPE stubs
- Special machined Flanged BS4504 or SANS 1123 system HDPE Stubs
- Steel-to-steel jointing system
- Above ground applications and over land pipelines
- Complimented by a range of fittings



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