

Available from Highflo Copper Fittings - The CTS Copper Coated Flange



The new CTS copper coated flanges provide a significant improvement over existing powder coated products.

- able to withstand the harshest environments, whether in ground or exposed to aggressive external atmospheric conditions
- negates requirement for additional wrapping or protection at installation
- With copper on copper, negates risk of Electrolysis occurring between insert and flange
- Suitable for Water, Gas and all other HP Copper applications both above and below ground
- Sizes Tables D/E 32-150mm
- Operating Temperature = 110°C Operating Pressure = 1400kPa

The patented technology used by CTS in the electrolytic bonding of copper to steel flange is similar to that used on grounding rod electrodes which have a minimum in-ground life expectancy of 40+ years, only slightly less than stainless steel at 50+ years. The steel flange has an electrolytic coating of copper deposited over a layer of nickel. This process ensures a long lasting molecular bond between the copper layer and the steel flange. The final result is then given a clear powder coating to maintain its pristine appearance.

New Zealand Patent Application No. 624559