



**FLANGE USA**

# CTS Copper Coated Flange

**No insulator required.  
Copper to Copper  
eliminates the risk  
of electrolysis and  
increases Flange  
durability.**



US Patent 10 612 699 B2

The technology used by CTS in the electrolytic bonding of copper to steel is similar to that used on grounding rod electrodes which have a minimum in-ground life expectancy of 40+ years. The process ensures a long lasting molecular bond between the copper layer and the steel flange and eliminates the need to use an EPDM insulator.

- ▶ Copper on copper eliminates the risk of electrolysis occurring between insert and flange (no EPDM required)
- ▶ 100% lead free
- ▶ Ideal for harsh environments, either in ground or exposed to aggressive atmospheric conditions
- ▶ Suitable for water, gas, steam and other high pressure copper applications both above and below ground
- ▶ 150lb rating sizes 1½" – 6"
- ▶ Copper component manufactured to ASME 16.22
- ▶ Backing flange manufactured to ASTM B16.5



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Available from your local CTS Agent  
**ctsflange.com**



Certified to  
NSF/ANSI 61-G