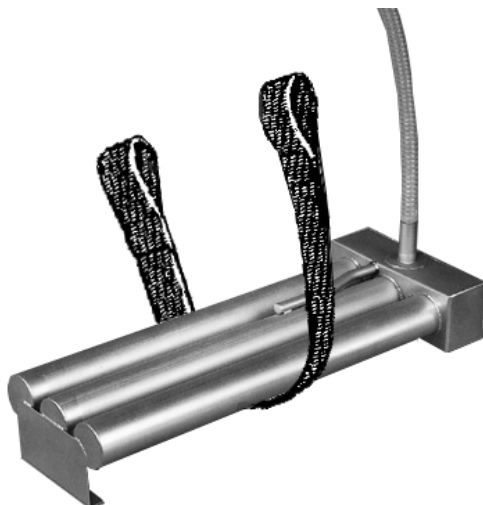


## **FLEX RISER INSTALLATION DATA**

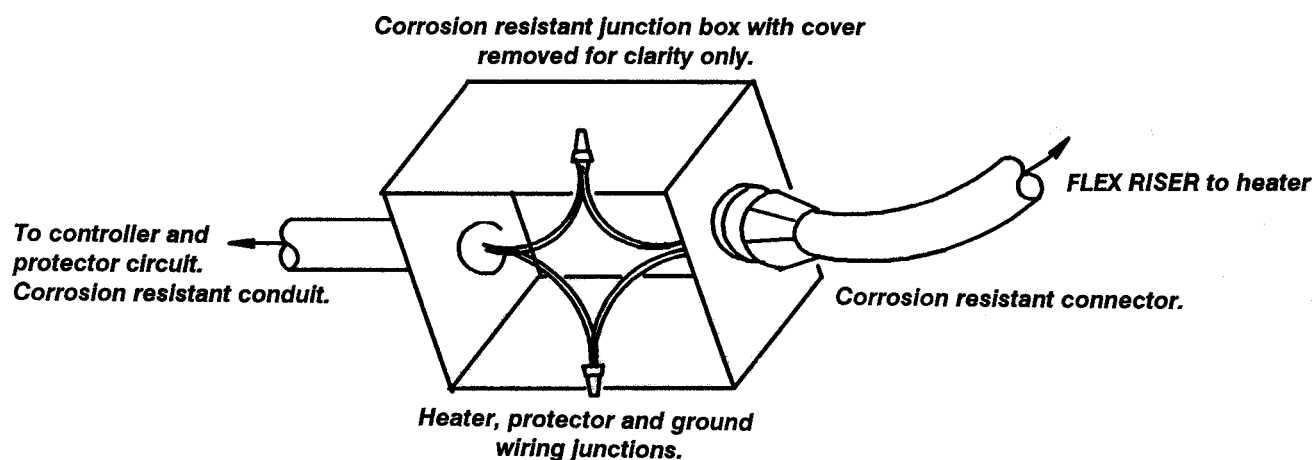
The FLEX RISER system offers simplified electric immersion heater installation in chemical processing tanks. The fluoropolymer FLEX RISER is chemically inert and electrically nonconductive while the stainless steel reinforcing core is bonded to the heater shell and ground bus to afford maximum shock protection in the event of sheath penetration.

### **RECOMMENDED INSTALLATION PROCEDURE**

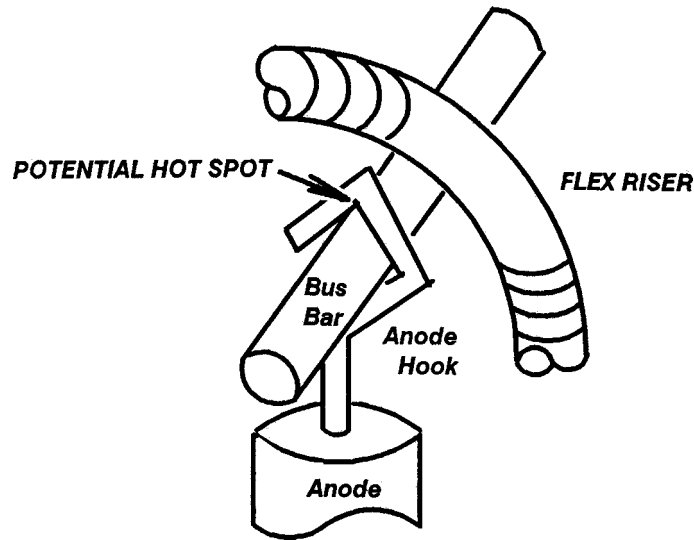
- 1. DO NOT LIFT AND LOWER THE HEATER USING THE FLEX RISER.**  
Use a sling or rope to carry the weight of the heater during installation or removal. Improper handling may result in damage to the flex junction and result in heater failure.



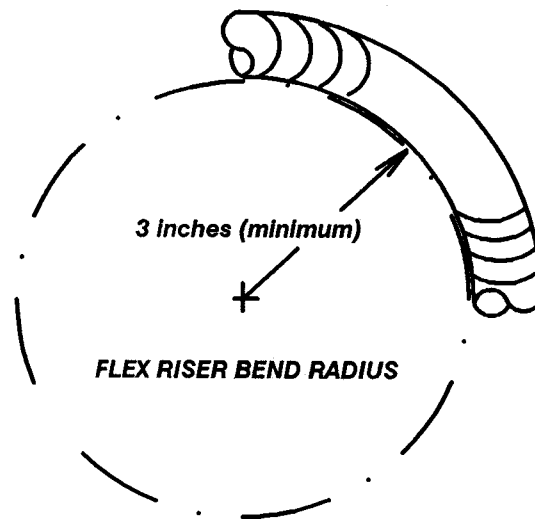
- 2. ALWAYS TERMINATE THE FLEX RISER** in a sealed corrosion resistance electrical junction box and wire to a properly rated temperature controller with a PII protector circuit in accordance with national and local electric codes.



3. Although the fluoropolymer material has outstanding temperature tolerances, **NEVER ALLOW THE FLEX RISER TO CONTACT HOT SURFACES** such as bus bar connections where overheating may occur. Avoid sharp or abrading surfaces which could damage the riser.



4. To avoid potential kinking, **NEVER FORCE THE FLEX RISER BEND RADIUS TO LESS THAN 3 INCHES.**



5. If stray plating currents prohibit the installation of a grounding conductor, **INSTALL A PROPERLY SIZED GFCI** (ground fault circuit interrupter) to reduce the possibility of electrical shock in the event of a heater failure.