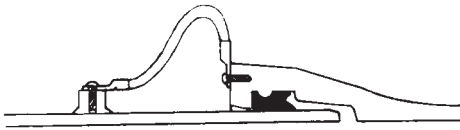


## PROVISION FOR ELECTRICAL THAWING

In order to provide electrical conductivity from one rubber gasket pipe joint to another for the purpose of thawing frozen water mains, some specifiers require that ductile iron pipe be furnished with a device that will be able to provide such conductivity. The accessories and methods indicated below provide such conductivity for both Push-On Joints and Mechanical Joints. One word of caution: electrically discontinuous rubber gasket joints effusively inhibit the accumulation on ductile iron pipe of stray direct current. An accumulation of stray current can result in electrolytic corrosion of the pipeline. The use of joint bonding devices to allow electrical thawing can, therefore increase the susceptibility of the pipe to damage from this type of corrosion.

### CABLE BOND CONDUCTOR

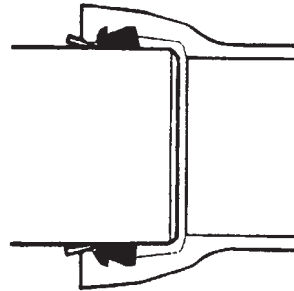


Clow Cable Bond provides positive electrical conductivity across the joints of both Push-On and Mechanical Joint pipe and fittings. The copper cable will carry 500-600 amps for an extended period of time. The cable is sufficiently flexible to simplify assembly and to withstand ground and pipe movement after installation. Easy to install, it makes a positive, lasting connection. Detailed information and assembly instructions will be furnished upon request.

**Assembled Installation, Tyton Joint**



**Serrated Wedge**



**Wedges Installed**

### SERRATED SILICON BRONZE WEDGES for Push-On Joint

When so specified, serrated silicon bronze wedges are provided for electrical thawing: two per joint, for 3" through 12" pipe; four for larger diameter pipe. Each wedge is driven into the opening between the plain end and the bell until snug. When four wedges are used, they are inserted side by side, in pairs. Wedges can be used with Push-On joints only.

#### WARNING

**Electrical thawing of buried pipes should never be attempted by inexperienced persons. The large currents necessary to effectively thaw a frozen pipe can cause serious damage to electrical wiring systems that are grounded to the buried pipes. In addition, there is a serious risk of personal injury or electrocution if proper precautions are not taken.**