

FACTORY MADE BONDS

Bonds with terminals formed on the ends are often used for bonding pipe joints and fittings. The formed terminal allows a smaller weld metal size to be used.

| Conductor Size | Insulated Bond Part No. | Bare Bond Part No. |
|----------------|----------------------------|----------------------------|
| #2 | CAF1-1V – length in inches | CAF2-1V – length in inches |
| 1/0 | CAF1-2C – length in inches | CAF2-2C – length in inches |
| 2/0 | CAF1-2G – length in inches | CAF2-2G – length in inches |

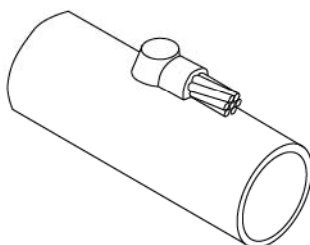


FIELD MADE BONDS

Formed Terminal Bonds may be made in the field using sleeves (one per conductor end) and forming them in the hammer dies listed.

| Conductor Size | Sleeve Part No. | Hammer Die Part No. |
|----------------|-----------------|---------------------|
| #4 | CAS-20-F | JD11 |
| #2 | CAS-09-F | JD09 |
| 1/0 | CAS-05-F | JD05 |
| 2/0 | CAS-03-F | JD03 |

WELDERS FOR FORMED TERMINAL BONDS



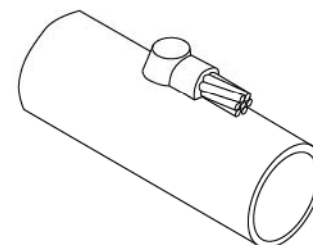
Type CAFS Welders for STEEL Pipe.

For DUCTILE IRON, see page 17.

Type CAFC Welders for CAST IRON Pipe.

Do not use on soil pipe. (ASTM A74-82).

A test weld should be made on a section of the pipe being used to determine possibility of detrimental metallurgical effects.



| STEEL | | | | Conductor Size | CAST IRON | | | |
|--|------------------|--------------|------------|----------------|--|------------------|--------------|------------|
| Surface | Welder Part No.† | Welder Price | Weld Metal | | Surface | Welder Part No.† | Welder Price | Weld Metal |
| Flat (10" & larger pipe) 4" pipe 6 to 8" pipe | CAFSA-1L | CAA | CA25 | #4 | Flat (30" & larger pipe) 4" to 24" pipe | CAFCA-1L | CAA | CA32XF-19 |
| | CAFSA-1LA | CAA | CA25 | | | CAFCA-1L-P.S* | CAA | CA32XF-19 |
| | CAFSA-1LB | CAA | CA25 | | | | | |
| Flat (10" & larger pipe) 4" pipe 6 to 8" pipe | CAFSA-1V | CAA | CA25 | #2 | Flat (30" & larger pipe) 4" to 24" pipe | CAFCA-1V | CAA | CA32XF-19 |
| | CAFSA-1VA | CAA | CA25 | | | CAFCA-1V-P.S* | CAA | CA32XF-19 |
| | CAFSA-1VB | CAA | CA25 | | | | | |
| Flat (12" & larger pipe) 4" pipe 6 to 10" pipe | CAFSA-2C | CAA | CA32 | 1/0 | Flat (30" & larger pipe) 4" to 24" pipe | CAFCA-2C | CAA | CA45XF-19 |
| | CAFSA-2CA | CAA | CA32 | | | CAFCA-2C-P.S* | CAA | CA45XF-19 |
| | CAFSA-2CB | CAA | CA32 | | | | | |
| Flat (12" & larger pipe) 4" pipe 6 to 10" pipe | CAFSA-2G | CAA | CA45 | 2/0 | Flat (36" & larger pipe) 4" to 30" pipe | CAFCA-2G | CAA | CA65XF-19 |
| | CAFSA-2GA | CAA | CA45 | | | CAFCA-2G-P.S* | CAA | CA65XF-19 |
| | CAFSA-2GB | CAA | CA45 | | | | | |

* Indicate pipe size.

† Replacement molds (graphite portion) are available by ordering Welder Part No. - "M".

