

# Heat Shrink Caps



## Anode Sealing Caps

Anode Sealing Caps seal the critical connection between the anode lead wire and the anode. The sealing cap provides stress relief at the wire connection. They seal and electrically insulate the end of the anode where the lead wire exits the anode.

The anode sealing cap is the ideal solution to prevent premature failure of the anode typically caused by corrosion of the wire connection. Each cap is expanded to allow clearance for easy installation over the lead wire and the anode. A rubber based sealant is coated on the inside of the cap. The cap is heated and shrunk to fit tightly on the anode and the anode wire.

During the heat shrink process, the cap shrinks to conform to the anode and wire while the sealant softens and bonds to their surfaces. After cooling, the cap remains durable and water tight.

The anode sealing caps are designed to fit 2, 3 or 4 inch anodes.

| Backing                     | Test Method | Typical Data          |
|-----------------------------|-------------|-----------------------|
| Tensile Strength            | ASTM D-638  | 1200 psi              |
| Ultimate Elongation         | ASTM D-638  | 300%                  |
| Volume Resistivity          | ASTM D-257  | 1X10 <sup>14</sup> th |
| Water Absorption            | ASTM D-570  | 0.1%                  |
| Sealant                     |             |                       |
| Viscosity @ 160 C.          | ASTM D-4402 | 340 poise             |
| Ring & Ball Softening Point | ASTM D-36   | 90 c.                 |
| Lap Shear                   | ASTM D-1002 | 35 psi                |

| Ordering Data       | Anode Dia. | Anode End |       | Wire End |       |
|---------------------|------------|-----------|-------|----------|-------|
|                     |            | Exp       | Rec   | Exp      | Rec   |
| Anode Sealing Cap 2 | 2"         | 2.50"     | 1.75" | 0.48"    | 0.27" |
| Anode Sealing Cap 3 | 3"         | 3.25"     | 2.40" | 0.48"    | 0.27" |
| Anode Sealing Cap 4 | 4"         | 4.25"     | 4.00" | 0.48"    | 0.27" |