

# BURIED CLOSURE PROTECTIVE HOUSING

**The Safe Way to Protect Your Pressurized Closures from Ghost Leaks and your Filled Closures from Damage!** Pressurized Closure: The buried closure protective housing (closure coffin) is designed to protect your pressurized closure from the weight of the back-fill, as well as from the added weight of vehicles that run over the splice location causing costly “Ghost Leaks”.

## FEATURES:

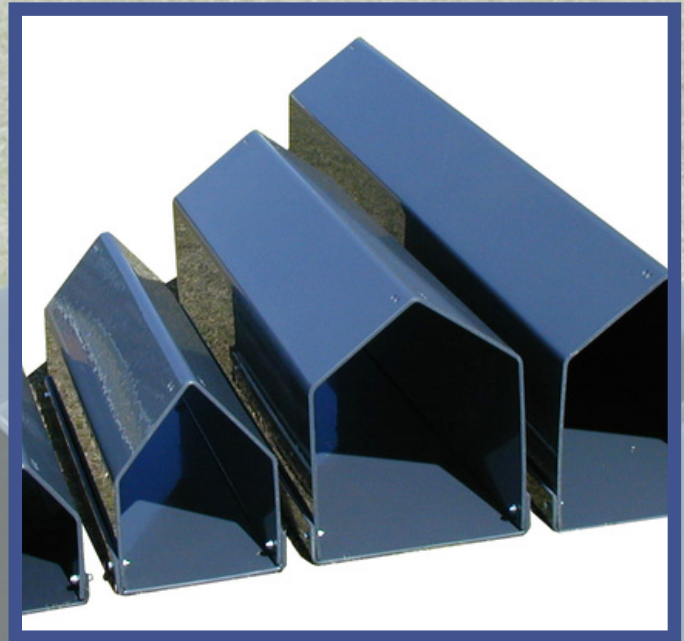
- Simple to install
- No special tools required
- Durable
- Convenient
- Few piece parts
- Re-enterable
- Chemical-resistant
- Cost-effective
- High-impact plastic
- Environmentally safe

All pressure crews are very familiar with this problem: The weight of the dirt and road vibrations can cause the closure to become disfigured around the end plate, causing a small leak to occur.

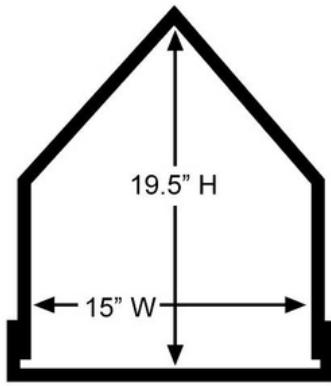
When the dirt is removed the closure recovers and the leak goes away. This is why it is called a ghost leak. Also, if cables are not secured and protected where they entered a drilled plate, a ghost leak might occur. The Buried Closure Protective Housing can eliminate this.

**Non-Pressurized:** Even here, the closure can suffer damage from the weight of the dirt. We have come to realize that the re-enterable compounds do not provide the strength needed to withstand the weight. The Closure Coffin does. Also, in rocky areas, the sharp rocks can penetrate and deform many closures, allowing water to enter or causing damage from compression. Before the development of the Buried Closure Protective Housing, companies were using creosote- covered boards or other treated lumber, which decays, and sand or split pipe, which requires an excessive amount of labor.

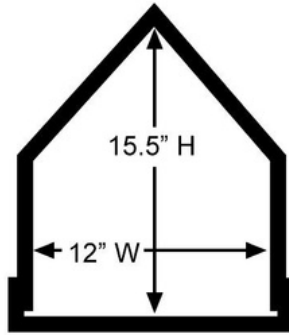
Now, with the Buried Closure Protective Housing, you have a uniform method to assure your company that the closure will be protected for the life of the cable.



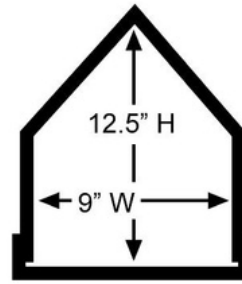
# DIMENSIONS



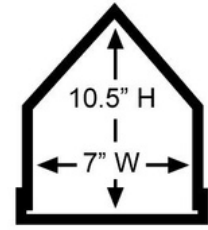
Product 57431 Series



Product 55431 Series



Product 53431 Series



Product 51431 Series

## ORDERING INFORMATION

### Product Lengths

AB 38" CD 51" EF 59" GH 68" IJ 76" KL 85"

| Product # | WT/LBs | Product # | WT/LBs | Product # | WT/LBs | Product # | WT/LBs |
|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| 57431 AB  | 49     | 55431 AB  | 40     | 53431 AB  | 34     | 51431 AB  | 28     |
| 57431 CD  | 66     | 55431 CD  | 54     | 53431 CD  | 45     | 51431 CD  | 37     |
| 57431 EF  | 76     | 55431 EF  | 62     | 53431 EF  | 52     | 51431 EF  | 43     |
| 57431 GH  | 88     | 55431 GH  | 72     | 53431 GH  | 60     | 51431 GH  | 50     |
| 57431 IJ  | 98     | 55431 IJ  | 80     | 53431 IJ  | 67     | 51431 IJ  | 55     |
| 57431 KL  | 110    | 55431 KL  | 89     | 53431 KL  | 75     | 51431 KL  | 62     |

Custom sizes are available upon request.

Note: For classification, the products will fit the type of closure in parenthesis: 57431 = (E0), 53431 = (C), 51431 = (A or B). For other closures, compare outside dimensions of the closure to inside dimensions of Buried Closure Protective Housing.

## TEST RESULTS

| Property                         | Unit                       | ASTM Test No. | Results            |
|----------------------------------|----------------------------|---------------|--------------------|
| Tensile strength                 | PSI                        | D-638         | 7500               |
| Elongation at yield              | %                          | D-638         | 3.0                |
| Modules of elasticity in tension | PSI                        | D-638         | $4.11 \times 10^4$ |
| Flexural strength                | PSI                        | D-790         | 12,800             |
| Modules of elasticity in flexure | PSI                        | D-790         | $4.81 \times 10^4$ |
| Impact izod                      | FT/LBs                     | D-256         | 8/1.5              |
| Hardness rockwell "R"            | R                          | D-785         | 115                |
| Hardness shore "D"               | D                          | D-2240        | 89                 |
| Compression strength             | PSI                        | D-895         | 10,000             |
| Sheer strength                   | PSI                        | D-732         | 7,550              |
| Thermal conductivity             | BTU/HR/FT <sup>2</sup> /IN |               | 1.16               |
| Water absorption                 |                            | D-570         | .12                |