

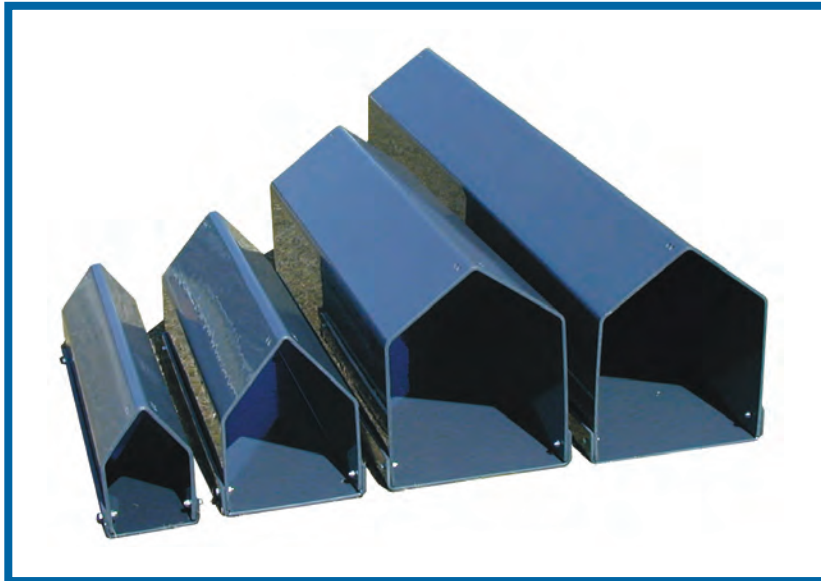


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# Buried Closure Protective Housing



## Features

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

U-TECK can provide you with a way to protect your pressurized closures from “ghost leaks” and your filled closures from damage.

**Pressurized Closure:** The Buried Closure Protective Housing, or Closure Coffin, is designed to protect your pressurized closure from the weight of the backfill, as well as from the added weight of vehicles that run over the splice location, potentially causing costly ghost leaks.

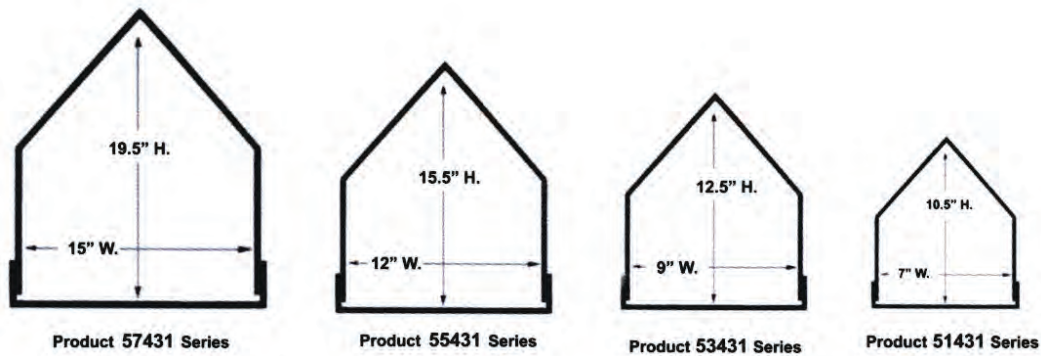
All pressure crews are very familiar with this problem: The weight of the dirt and road vibrations can cause the closure to become disfigured around the end plate, causing a small leak to occur. When the dirt is removed the closure recovers and the leak goes away. This is why it is called a ghost leak. 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



## 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> /F/IN		1.16
Water absorption		D-570	.12