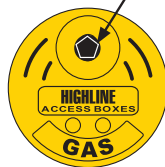




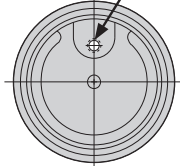
# MacLean<sup>TM</sup> HIGHLINE

## GAS CURB SERVICE UTILITY BOXES

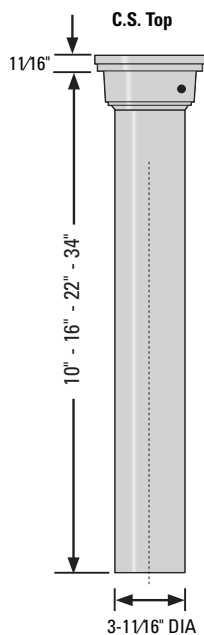
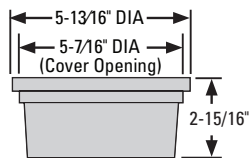
C.S. Box Covers  
5- 3/8" x 3/8" Thick  
5/8" x 7/8" Slot



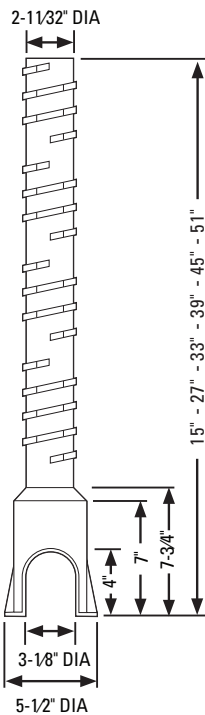
C.S. Box Ring  
3/8" DIA



5-3/8" DIA



C.S. Bottom



- Plastic body with plastic ring and covers (cast iron ring and covers available)
- Screw-type valve box
- Polyiron® top section
  - One-third the weight of cast iron boxes which reduces the risk of injury
  - Interchangeable with cast iron bottoms
  - Magnetically locatable
- White molded bottom reflects light in box for greater visibility
- Optional vandal resistant pentagon bolt
- Can be cut with hand saw
- Curb rods available
- Yellow covers standard

"You're Covered!"



# GAS CURB SERVICE UTILITY BOXES

PART #	DESCR #	EQUIVALENT CAST IRON #	ADJ INCHES	TOTAL WEIGHT
<b>2-1/2" CURB SERVICE BOX</b>				
<b>Total Plastic Box Including Ring &amp; Gas Cover</b>				
110151-15	2-10-15	90-B	19 - 24	3 1/4 lbs
110153-15	2-22-15	92-C	30 - 36	4 1/2 lbs
110152-15	2-16-15	91-C	25 - 30	3 3/4 lbs
110163-15	2-22-27	93-D	31 - 47	5 1/4 lbs
110168-15	2-22-33	93-E	35 - 53	5 3/4 lbs
110173-15	2-22-39	94-E	40 - 60	5 1/2 lbs
110178-15	2-22-45	95-E	46 - 66	5 3/4 lbs
110183-15	2-22-51	100-E	52 - 72	5 3/4 lbs
110185-15	2-34-51	101-F	52 - 84	6 lbs
NOTE: 5/4" CURB SERVICE BOX with "FIRE" cover is available as a special order item. Use part number suffix -24 to distinguish cover type.				
<b>Cast Iron Ring &amp; Parts</b>				
111028	CI Ring			4
110031	"Gas" Cover			1.2
143001	Brass Bolt			0.38

PART #	LENGTH	TOTAL WEIGHT
<b>Plastic Ring &amp; Covers</b>		
110040	CSB Ring	0.3 lbs
110051	Gas Cover	0.4 lbs
<b>Curb Box Rods</b>		
110062	24" Rod (with 2 washers)	2.5 lbs
110045	27" Rod	3 lbs
110046	33" Rod	4 lbs
110047	45" Rod	5 lbs

## TYPICAL SPECIFICATIONS

2 1/2" CURB SERVICE BOX: Box shall be injection molded and commercially manufactured utilizing a proprietary MACLEAN HIGHLINE compound known as SUPERFLEXON per ASTM D-2853-70, Class 1212. Material shall be a rigid combination of polyolefin with fibrous inorganic component reinforcing and U.V. stabilizer additives to assure resistance to material degradation from ultraviolet light. The entire upper section of the box shall be made of a POLYIRON® magnetically locatable material. The use of magnets will not be permitted. Box shall have a cast iron ring and a cast iron 4-pronged traffic lid. Cast iron shall have a minimum weight of 18 lbs. and must conform to ASTM-A-48, Class 20 specifications. Box to be Buffalo type (screw) and have a shaft diameter of 5/4". The bottom part of the box shall have a bell measuring 7 3/8" high by 10 1/16" wide and have a knock out as standard equipment. A No. 6 round base and a 20" extension section must be available as extra cost options.

### Standard:

1. Arch - 4" wide by 7" high with 3 3/8" wide by 4" high.
2. Designed for curbstops through 1 1/2"
3. POLYIRON® top section - Patent No. 3746034.
4. SUPERFLEXON bottom section and cover.
5. Screw style.

### Options:

1. Rod - steel rod welded to steel clevis with brass cotter pin.
2. Cast iron cover and ring also available.

## SUPERFLEXON BOXES AND COVERS

SUPERFLEXON is a plastic material made of a rigid combination of polyolefin and fibrous inorganic components. It is chemically inert and normally unaffected by moisture, corrosion and the effects of temperature changes. SUPERFLEXON also has a high tensile strength with light weight because it is a solid (not foamed) structural material.

SUPERFLEXON covers are NOT traffic covers and should not be used in roadways, etc.

## Physical Properties

Tensile Strength (2.0"/min.)	3,400 psi
Flexural Modulus	191,000 psi
Compressive Strength (0.05"/min.)	3,350 psi
Impact Strength, Izod	0.6 ft. lb/in.
Durometer Hardness, Type D	60
Deflection Temp. @ 66 psi Stress	230°F
Specific Gravity	1.15

## Minimum Test Value



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