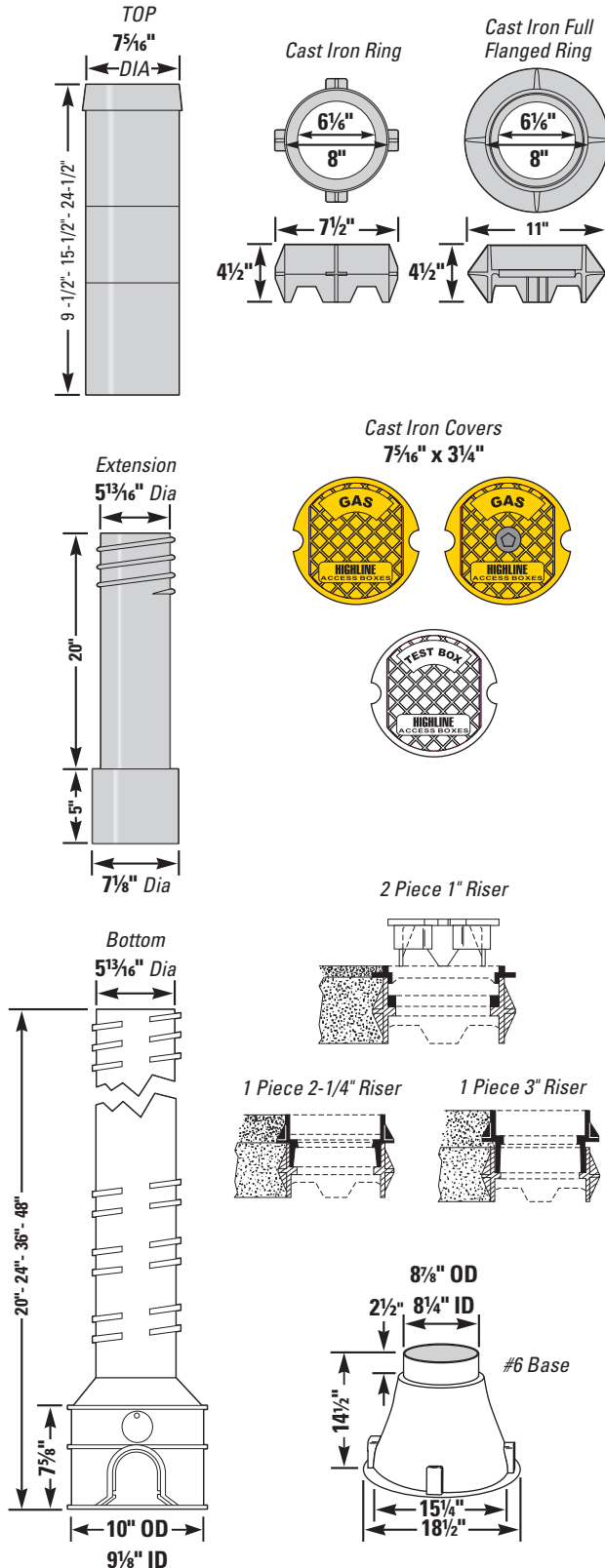




MacLean™ HIGHLINE

GAS ROADWAY VALVE BOXES



- Plastic body with full flanged cast iron ring and cover
- 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
- "No Tilt" cast iron cover
- Can be cut with hand saw
- Pipe knock-outs molded in
- Riser rings available to raise for paving
- Yellow covers standard

"You're Covered!"



GAS ROADWAY VALVE BOXES

PART #	DESCR #	EQUIVALENT CAST IRON #	ADJ INCHES	TOTAL WEIGHT
5 1/4" ROADWAY VALVE BOX				
Total Plastic Box Including Ring & Gas Cover				
111129-xx	5-95-20	462	25-29	26 3/8 lbs
111130-xx*	5-155-20	561	28-34	27 3/4 lbs
111133-xx	5-155-24	562	29-38	28 1/8 lbs
111136-xx	5-155-36	564	41-50	29 3/8 lbs
111137-xx	5-245-36	664	41-59	32 1/2 lbs
111140-xx	5-245-48	666	53-71	34 1/2 lbs

-xx= two digit part number suffix to distinguish cover type
 -05= "Gas" cover
 -04= Full Flanged "Gas" cover

*Not available with -05 cover

Cast Iron Parts

111027	"Gas" Cover	7 3/4 lbs
110063	Full Flanged Ring (recommended for "Gas")	14 lbs
111073	Brass Pentagon Locking "Gas" Cover	9 lbs

PART #	DESCRIPTION	TOTAL WEIGHT
5 1/4" Plastic Parts		
111036	9 1/2" Polyiron® Black Top	2 1/2 lbs
111037	15 1/2" Polyiron® Black Top	4 lbs
111038	24 1/2" Polyiron® Black Top	6 3/4 lbs
111048	20" Valve Box White Bottom	4 lbs
111049	24" Valve Box White Bottom	4 3/4 lbs
111050	36" Valve Box White Bottom	6 1/2 lbs
111051	48" Valve Box White Bottom	8 lbs
111145	#6 Base	8 1/2 lbs
111146	20" Adjustable Extension	6 3/4 lbs

NOTE: Polyiron® is a magnetically locatable material.

Cast Iron Risers

111058	2 1/4" Riser, 1 piece	11.1 lbs
111059	3" Riser, 1 Piece	13.5 lbs
111070	1" Riser, 2 Piece	4.4 lbs

Our MACLEAN HIGHLINE valve box risers are made of better grade casting, priced lower, and use the same cover that is used with our valve box, unlike that of the competition.

TYPICAL SPECIFICATIONS

5 1/4" ROADWAY VALVE BOX: Valve 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. Bell - 9" diameter by 7 1/2" height inside.
2. Designed for 2" through 10" valves.
3. POLYIRON® top section - Patent No. 3746034.
4. SUPERFLEXON bottom section and cover.
5. Screw style.

Options:

1. Covers available for GAS, SEWER or WATER. Will be shipped as WATER unless otherwise specified.
2. Green plastic drop lid available for non-traffic area - no Cast Iron ring needed.
3. No. 6 base for extra large valves.
4. Three sizes of Risers for use with street resurfacing.
5. Full flanged cast iron ring for unfinished roads.
6. Pentagon bolt locking cover also available marked WATER, GAS or SEWER.

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

	Minimum Test Value
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



481 Munn Road, Suite 300, Fort Mill, SC 29715, USA
 Phone: 803.628.4380 • Fax: 803.792.4612
 E-mail: info@macleanhighline.com
 www.highlineaccessboxes.com