• 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
GAS ROADWAY VALVE BOXES

TYPICAL SPECIFICATIONS

5¼" 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 3⁄4" and a 20" extension section must be available as extra cost options.

Standard:
1. Bell - 9" diameter by 7 3⁄4" 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Minimum Test Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength (2.0&quot;/min.)</td>
<td>3,400 psi</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>191,000 psi</td>
</tr>
<tr>
<td>Compressive Strength (0.05&quot;/min.)</td>
<td>3,350 psi</td>
</tr>
<tr>
<td>Impact Strength, Izod</td>
<td>0.6 ft. lb/in.</td>
</tr>
<tr>
<td>Durometer Hardness, Type D</td>
<td>60</td>
</tr>
<tr>
<td>Deflection Temp. @ 66 psi Stress</td>
<td>230°F</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.15</td>
</tr>
</tbody>
</table>

NOTE: Polyiron® is a magnetically locatable material.