ADS POTABLE GRADE PRESSURE PIPE (PE4710)

ADS Potable Grade Pressure Pipe is a leader in today’s water service and landscape irrigation markets. Its flexibility and durability distinguish it from the competition and make it ideal for a variety of applications.

ADS Potable Grade Pressure Pipe is strong and resistant to many common causes of damage such as vibrations, surface loads and pressure surges.

APPLICATIONS:
Landscape & Agricultural Irrigation Systems
Residential & Commercial Water Service Pipe
Well/Pump Water Systems
Slurry Pipelines

FEATURES:
• Certified to meet NSF 14/61 standard
• Durable plastic material stands the test of time
• Flexibility makes it ideal for a variety of projects
• Strength withstands weather and the human element
• Incremental footage markers printed every 2 feet throughout each coil length
• Light weight
• Chemically resistant

BENEFITS:
• Resistant to rot or corrosion
• Fast and easy to install
• Easy installation provides cost-efficiency
• Flexible lengths can be installed in uneven terrain
• Available in many lengths

ADS Service: ADS representatives are committed to providing you with the answers to all your questions, including specifications, and installation and more.
ADS POTABLE WATER SERVICE PIPE (IPS) PIPE SPECIFICATIONS

**SCOPE**
This specification describes ADS Potable Water Service Pipe (IPS) pipe SIDR 19, SIDR 15, SIDR 11.5, SIDR 9, and SIDR 7 for use in potable water service applications.

**PIPE REQUIREMENTS**
ADS potable water service pipe shall meet the requirements of ASTM D2239, AWWA C901 and NSF Standards 14 and 61. Pipe dimensions shall meet Iron Pipe Size (IPS) standards.

**MATERIAL PROPERTIES**
Pipe material shall be high-density polyethylene conforming to the minimum requirements of cell classification 445574C as defined and described in ASTM D3350, except that carbon black content should not exceed 3.0%. The resin shall have a material designation code of PE4710 by the Plastic Pipe Institute.

**DISINFECTION/Maintenance**
The active chlorine content of disinfecting solutions shall not exceed 12%. All disinfecting solution must be flushed from all lines within the system. Industry accepted procedures, like ANSI/AWWA C651 Disinfecting Water Mains, should be followed for both new and repaired potable water lines.

**INSTALLATION**
Installation is similar to other flexible pipe products. Methods including direct bury, plowing or pulling are applicable per local, state or federal guidelines for the application.

**PIPE PROPERTIES**

<table>
<thead>
<tr>
<th>Inside Diameter (mm)</th>
<th>SIDR 19 PE 4710 IPS</th>
<th>SIDR 15 PE 4710 IPS</th>
<th>SIDR 11.5 PE 4710 IPS</th>
<th>SIDR 9 PE 4710 IPS</th>
<th>SIDR 7 PE 4710 IPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Thickness (mm)</td>
<td>%/&quot; 0.622 ±0.01 (15.8 ±0.25)</td>
<td>%/&quot; 0.824 ±0.019 (20.9 ±0.38)</td>
<td>%/&quot; 1.049 ±0.02 (26.6 ±0.51)</td>
<td>%/&quot; 1.380 ±0.02 (35.1 ±0.51)</td>
<td>%/&quot; 1.610 ±0.02 (40.9 ±0.51)</td>
</tr>
<tr>
<td>Weight (gm/ft / gm/m)</td>
<td>0.118 ±0.02 (3.0 ±0.51)</td>
<td>0.150 ±0.02 (3.8 ±0.51)</td>
<td>0.197 ±0.02 (5.0 ±0.51)</td>
<td>0.230 ±0.03 (5.8 ±0.71)</td>
<td>0.295 ±0.03 (7.5 ±0.89)</td>
</tr>
<tr>
<td>Pressure Rating @ 73°F, psi (kPa)</td>
<td>200 (1379)</td>
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*Additional SIDRs may be available. Contact an ADS Representative for regional availability.*

For more information on Potable Grade Pressure Pipe and other ADS products, please contact our Customer Service Representatives at 1-800-821-6710

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**THE MOST ADVANCED NAME IN WATER MANAGEMENT SOLUTIONS™**

@ 73º F,