# PVC Solvent Cements

<table>
<thead>
<tr>
<th>PVC Solvent Cements</th>
<th>Max Pipe Size (Interference Fit)</th>
<th>Set Time</th>
<th>Available Color</th>
<th>Industry Listing</th>
<th>Meets Following Performance Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>711™ PVC Industrial Grade</strong></td>
<td>12&quot; (315 mm) PVC all classes &amp; schedules</td>
<td>Medium</td>
<td>Gray</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2</td>
</tr>
<tr>
<td><strong>717™ PVC</strong></td>
<td>12&quot; (315 mm) PVC all classes &amp; schedules</td>
<td>Medium</td>
<td>Clear and Gray</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2</td>
</tr>
<tr>
<td><strong>719™ PVC Industrial Grade</strong></td>
<td>30&quot; (800 mm) PVC all classes &amp; schedules</td>
<td>Slow</td>
<td>White and Gray</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2</td>
</tr>
<tr>
<td><strong>705™ PVC Industrial Grade</strong></td>
<td>6&quot; (160 mm) PVC Schedule 80 PVC – PN 10 &amp; 16</td>
<td>Fast</td>
<td>Clear and Gray</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2</td>
</tr>
</tbody>
</table>

## PVC Specialty Solvent Cements

<table>
<thead>
<tr>
<th>PVC Specialty Solvent Cements</th>
<th>Max Pipe Size (Interference Fit)</th>
<th>Set Time</th>
<th>Available Color</th>
<th>Industry Listing</th>
<th>Meets Following Performance Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>725™ Wet ‘R Dry™</strong></td>
<td>6&quot; (160 mm) PVC Schedule 80 PVC – PN 10 &amp; 16</td>
<td>Extremely Fast</td>
<td>AQUA BLUE</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2</td>
</tr>
<tr>
<td><strong>727™ Hot ‘R Cold™</strong></td>
<td>6&quot; (160 mm) PVC Schedule 80 PVC – PN 10 &amp; 16</td>
<td>Very Fast</td>
<td>CLEAR</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61</td>
</tr>
<tr>
<td><strong>735™ Wet ‘N Fast™</strong></td>
<td>6&quot; (160 mm) PVC Schedule 80 PVC – PN 10 &amp; 16</td>
<td>Extremely Fast</td>
<td>BLUE</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61</td>
</tr>
<tr>
<td><strong>738™ Hot ‘N Fast™</strong></td>
<td>6&quot; (160 mm) PVC Schedule 80 PVC – PN 10 &amp; 16</td>
<td>Very Fast</td>
<td>BLUE to CLEAR</td>
<td>NSF</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61</td>
</tr>
</tbody>
</table>

**Note:** Special Order Only

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**PVC Solvent Cements**

- **711™ PVC Industrial Grade**
  - High-strength formula for industrial piping systems.
  - Good gap filling properties.
  - Medium set allows for more working time in warm weather.

- **717™ PVC**
  - Quality formulation for plumbing, industrial, pool, irrigation and electrical piping systems.
  - Good gap filling properties.
  - Medium set allows for more working time in warm weather.

- **719™ PVC Industrial Grade**
  - Premium, high-strength formulation for large size industrial piping systems.
  - Ideal for fabrication of large fittings and applications requiring high gap filling properties.
  - Suitable for irrigation, conduit, other pressure and non-pressure applications.

- **705™ PVC Industrial Grade**
  - High-strength formula for industrial, irrigation, DWV, electrical conduit, pool & spa and plumbing, including PVC foam core pipe.
  - Can be used without primer on non-pressure systems if local codes permit.

**PVC Specialty Solvent Cements**

- **725™ Wet ‘R Dry™**
  - Premium formula for wet conditions and/or quick pressurization.
  - Suitable for irrigation, plumbing, and pool & spa applications.
  - Can be used without primer on non-pressure systems if local codes permit.

- **727™ Hot ‘R Cold™**
  - Premium formula for all weather conditions (-15°F to 110°F / -26°C to 43°C).
  - Excellent for industrial, irrigation, electrical conduit, pool & spa and plumbing, including PVC foam core pipe.
  - Can be used without primer on non-pressure systems if local codes permit.

- **735™ Wet ‘N Fast™**
  - Plumbing quality cement for wet conditions and/or quick pressurization.
  - Can be used without primer on non-pressure systems if local codes permit.

- **738™ Hot ‘N Fast™**
  - High strength and fast setting speed make this cement ideal for irrigation, pool and plumbing.
  - For wet or quick pressurization conditions.
  - Blue cement fades to clear in sunlight.
  - Can be used without primer on non-pressure systems if local codes permit.

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**CLEAR**

**8**

**AQUA BLUE**

**WHITE**

**CLEAR**

**BLUE**

**GRAY**

**WHITE**

**CLEAR**

**GRAY**

**WHITE**

**CLEAR**

**GRAY**

**WHITE**

**CLEAR**

**GRAY**

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**GRAY**

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**NOTE:** Special Order Only

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**Toronto, Edmonton, Saskatoon, Vancouver, Montreal**
### PVC Specialty Solvent Cements

<table>
<thead>
<tr>
<th>Product</th>
<th>MAX PIPE SIZE (INTERFERENCE FIT)</th>
<th>SET TIME</th>
<th>AVAILABLE COLOR</th>
<th>INDUSTRY LISTING</th>
<th>MEETS FOLLOWING PERFORMANCE SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>795™ PVC</strong>*</td>
<td>• 6” (160mm) PVC</td>
<td>Fast</td>
<td>CLEAR and BLUE</td>
<td>PW-G/DWV/SW</td>
<td>ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61</td>
</tr>
<tr>
<td></td>
<td>• 3” (90 mm) Schedule 80 PVC – PN 10 &amp; 16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>714™ CPVC</strong></td>
<td>• 12” (315 mm) CPVC, all classes &amp; schedules</td>
<td>Medium</td>
<td>GRAY and ORANGE</td>
<td>PW-G/DWV/SW</td>
<td>ASTM D 2846 ASTM F 493 NSF/ANSI 14 NSF/ANSI 61 CSA B137.6</td>
</tr>
<tr>
<td><strong>724™ CPVC</strong></td>
<td>• Premium, high-strength, chemical-resistant solvent cement for use with CPVC and PVC piping systems carrying acids, bases, salts, and hypochlorites.</td>
<td>Medium</td>
<td>GRAY and ORANGE</td>
<td>PW-G/DWV/SW</td>
<td>ASTM F 493 NSF/ANSI 14 NSF/ANSI 61</td>
</tr>
<tr>
<td><em><em>729™ CPVC</em> INDUSTRIAL GRADE</em>*</td>
<td>• Extra heavy body industrial quality cement for applications requiring high gap filling properties. Ideal for fabrication of large sized fittings.</td>
<td>Slow</td>
<td>GRAY</td>
<td></td>
<td>ASTM F 493</td>
</tr>
<tr>
<td></td>
<td>• May be used for chemical applications.</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### CPVC Solvent Cements

<table>
<thead>
<tr>
<th>Product</th>
<th>MAX PIPE SIZE (INTERFERENCE FIT)</th>
<th>SET TIME</th>
<th>AVAILABLE COLOR</th>
<th>INDUSTRY LISTING</th>
<th>MEETS FOLLOWING PERFORMANCE SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>714™ CPVC</strong></td>
<td>• 12” (315 mm) CPVC, all classes &amp; schedules</td>
<td>Medium</td>
<td>GRAY and ORANGE</td>
<td>PW-G/DWV/SW</td>
<td>ASTM D 2846 ASTM F 493 NSF/ANSI 14 NSF/ANSI 61 CSA B137.6</td>
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</table>

### PRIMERS AND CLEANERS

<table>
<thead>
<tr>
<th>Product</th>
<th>APPLICABLE FOR USE WITH</th>
<th>VISCOSITY</th>
<th>SET TIME</th>
<th>COLOR</th>
<th>SHELF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P-70™ PRIMER INDUSTRIAL GRADE</strong></td>
<td>PVC, CPVC, ABS and STYRENE pipe and fittings</td>
<td>40,000 cps</td>
<td>1 year</td>
<td>WHITE</td>
<td>1 year</td>
</tr>
<tr>
<td></td>
<td>Other metals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### REPAIR AND FABRICATION ADHESIVES**

<table>
<thead>
<tr>
<th>Product</th>
<th>APPLICABLE FOR USE WITH</th>
<th>VISCOSITY</th>
<th>SET TIME</th>
<th>COLOR</th>
<th>SHELF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>810™</strong></td>
<td>Non-anodized aluminum</td>
<td>40,000 cps</td>
<td>1 year</td>
<td>WHITE</td>
<td>1 year</td>
</tr>
<tr>
<td></td>
<td>Other metals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>845™</strong></td>
<td>Non-anodized aluminum</td>
<td>40,000 cps</td>
<td>1 year</td>
<td>WHITE</td>
<td>1 year</td>
</tr>
<tr>
<td></td>
<td>Other metals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** * Special Order Only

**The following Weld-On adhesives have Low VOC emissions per SCAQMD Rule 1168. Use of these products can qualify for one credit in the LEED® Green Building Rating System – Indoor Environmental Quality.

**Weld-On adhesives with Low VOC emissions per SCAQMD Rule 1168. Use of these products can qualify for one credit in the LEED® Green Building Rating System – Indoor Environmental Quality.**
### WELD-ON SOLVENT CEMENTS AND PRIMERS ACCESSORIES

**ROLL-A-WELD ROLLERS AND SWABS**

**3020**
Roll-A-Weld 3" roller for pipe diameters from 3" through 6"; fits MT-653 empty quart triple tight neck can.

**4020**
4" swab for pipe diameters of 6" or larger; fits MT-648 empty gallon can and cements available in wide mouth cans.

**6020**
Roll-A-Weld 4" roller for pipe diameters from 3" through 8"; fits standard quart can as well as MT-651 empty quart can.

**7020**
Jumbo Roll-A-Weld 7" roller for pipe diameters of 6" or larger; fits MT-648 gallon can and cements available in wide mouth cans.

**8020**
4" cotton swab with wire handle for use on pipe diameter 6" or larger.

**DAUBERS**

**Can-Mate daubers**
Adjustable plastic applicator with telescoping stem to fit ½ pint, pint, and quart cans. Available in ½", ¾" and 1¼" dauber sizes.

**Cap daubers**
DH Daubers fit ⅛ pint & ½ pint cans; DP daubers fit ½ pint & pint cans; DQ daubers fit quart cans. Available in 3/8", ⅛", ¼", and 1½" dauber sizes.

**BRUSHES**

**PB-1**
Plastic handle brush. Fits standard pint and quart cans.

**CM BCP Can-Mate®**
Adjustable plastic handle. Natural bristle brush. Fits standard pint and quart cans.

**PRIMER ACCESSORIES**

**CST-36 Cable Saw**
36" cable saw with T-Handle for cutting plastic pipe through 8" diameters.

**Can-Tote Cement & Primer Carrier**
For carrying quart and pint cans.

**Professional Hand Cleaner**
An advanced hand cleaner in liquid and disposable wipe format for removing residual solvent cements (PVC, CPVC, ABS), primers & sealants. Also removes dirt, oil, grease and much more.

**Easy-Pour Spout**
Makes pouring solvent cements and primers easy and with less mess. Fits pint, quart and standard gallon size metal cans.

**DEB-2 Deburring Tool**
For PVC, CPVC, ABS, PE & PB pipe from ⅛" through 2" IPS.

**Pipe and Fitting Pullers**
For installation of large diameter plastic pipe and fittings (PVC, CPVC, ABS). Available for pipe and fittings 4" - 12" diameter and 14" - 20" diameter. Lightweight, durable and can easily be operated by one person.

**Mounted Power Beveling Tool**
For beveling the ends of small diameter plastic pipe (PVC, CPVC, ABS) for solvent welding Nominal pipe sizes ⅛" CTS - 3" IPS.

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**AVERAGE JOINT CURE SCHEDULE FOR WELD-ON PVC/CPVC SOLVENT CEMENTS***

<table>
<thead>
<tr>
<th>PIPE DIAMETER</th>
<th>1/2&quot; TO 1&quot;</th>
<th>1 1/2&quot; TO 2&quot;</th>
<th>2 1/2&quot; TO 8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURE TIME PIPE SIZES</td>
<td>1/2&quot; TO 1&quot;</td>
<td>1 1/2&quot; TO 2&quot;</td>
<td>2 1/2&quot; TO 8&quot;</td>
</tr>
<tr>
<td>up to 160</td>
<td>up to 160</td>
<td>up to 160</td>
<td></td>
</tr>
<tr>
<td>160 to 315</td>
<td>160 to 315</td>
<td>160 to 315</td>
<td></td>
</tr>
<tr>
<td>315 to 630</td>
<td>315 to 630</td>
<td>up to 100 psi</td>
<td></td>
</tr>
<tr>
<td>up to 200</td>
<td>up to 200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>up to 100 psi</td>
<td>up to 100 psi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7 Bar)</td>
<td>(7 Bar)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Joint cure schedule is the necessary time to allow before pressurizing system. In damp or humid weather allow 50% more cure time.

**AVERAGE INITIAL SET SCHEDULE FOR WELD-ON PVC/CPVC SOLVENT CEMENTS***

<table>
<thead>
<tr>
<th>TEMPERATURE RANGE</th>
<th>1/2&quot; TO 1&quot; (20-40°C)</th>
<th>1 1/2&quot; TO 2&quot; (50-65°C)</th>
<th>2 1/2&quot; TO 8&quot; (65-90°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60°-100°F</td>
<td>2 min.</td>
<td>5 min.</td>
<td>10 min.</td>
</tr>
<tr>
<td>40°-60°F</td>
<td>2 min.</td>
<td>5 min.</td>
<td>10 min.</td>
</tr>
<tr>
<td>0°-40°F</td>
<td>2 min.</td>
<td>5 min.</td>
<td>10 min.</td>
</tr>
</tbody>
</table>

Note: Initial set schedule is the necessary time to allow before the joint can be carefully handled. In damp or humid weather, allow 50% more set time.

**AVERAGE NUMBER OF JOINTS/QUART (1KG) OF WELD-ON® CEMENT***

<table>
<thead>
<tr>
<th>PIPE DIAMETER</th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1 1/2&quot;</th>
<th>2&quot;</th>
<th>3&quot;</th>
<th>4&quot;</th>
<th>6&quot;</th>
<th>8&quot;</th>
<th>10&quot;</th>
<th>12&quot;</th>
<th>15&quot;</th>
<th>18&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF JOINTS</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>40</td>
</tr>
<tr>
<td>NUMBER OF JOINTS</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1/2</td>
</tr>
</tbody>
</table>

For Primer: Double the number of joints shown for cement. Note: 1 Joint = 1 Socket

**PRODUCT SHELF LIFE WELD-ON PRODUCT SHELF-LIFE**

- **PVC Solvent Cement**: 3 years
- **CPVC Solvent Cement**: 2 years
- **ABS Solvent Cement**: 3 years

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*These figures are estimates based on our laboratory tests. These figures should be used as a general guide only.