





































LONGER SET AND CURE PERIODS are required for larger diameter pipe, slow-drying cements, loose fit joints, chemical applications and in damp or humid weather conditions.





CONGRATULATIONS! If you've followed instructions correctly, the joints are solvent welded and the piping system is ready to use. Pat yourself on the back for a job well done.



THINK SAFETY. WORK SAFELY.



Cement and primer are flammable. Keep them away from sparks, heat, flame and other sources of ignition.

 Do not smoke, eat, or drink when using solvent cement and primer.

Work in well ventilated area. Avoid breathing the solvent vapors. Wear NIOSH approved respirators when working in area with inadequate ventilation.

- Wear proper protective equipment (safety glasses and gloves).
- Keep container closed when not in use.
 Store cement and primer according to directions on the label.
- When in doubt, read the product SDS and technical data sheet for more information.

DANGER: Weld-On® products must never be used in PVC and CPVC systems being used or tested by compressed air or gases.



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

Temperature Range	Pipe Sizes ½" to 1¼"	Pipe Sizes 1½" to 2"	Pipe Sizes 2½" to 8"	Pipe Sizes 10" to 15"	Pipe Sizes 15" +
60°-100°F	2 minutes	5 minutes	30 minutes	2 hours	4 hours
40°-60°F	5 minutes	10 minutes	2 hours	8 hours	16 hours
0°-40°F	10 minutes	15 minutes	12 hours	24 hours	48 hours

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

Relative Humidity 60% or less	Cure Time Pipe Sizes ½" to 1¼"		Cure Time Pipe Sizes 1½" to 2"		Cure Time Pipe Sizes 2½" to 8"		Cure Time Pipe Sizes 10" to 15"	Cure Time Pipe Sizes 15" +	
Temperature range during assembly and cure periods	up to 160 psi	above 160 to 370 psi	up to 160 psi	above 160 to 315 psi	up to 160 psi	above 160 to 315 psi	up to 100 psi	up to 100 psi	
60°-100°F	15 min	6 hrs	30 min	12 hrs	1½ hrs	24 hrs	48 hrs	72 hrs	
40°-60°F	20 min	12 hrs	45 min	24 hrs	4 hrs	48 hrs	96 hrs	6 days	
0°-40°F	30 min	48 hrs	1 hour	96 hrs	72 hrs	8 days	8 days	14 days	

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

*These figures are estimates based on testing done under laboratory conditions. Field working conditions can vary significantly. This chart should be used as a general reference only.

AVERAGE NUMBER OF JOINTS/QT. OF WELD-ON WELD**

Pipe Diameter	1/2″	3/4″	1″	1½″	2″	3″	4″	6″	8″	10″	12″	15″	18″
Number of Joints	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4	1/2

**These figures are estimates based on our laboratory tests. Due to the many variables in the field, these figures should be used as a general guide only.

WE TAKE IT SERIOUSLY ...

We hope you benefit from our lighthearted approach to a serious subject. we do take it seriously. The quality of the solvent welded joint determines the effectiveness of the plastic pipe system as a whole. For this reason, we offer data sheets, booklets, an installation video, installation training and qualification seminars as a complete educational package to those who take good joining techniques as seriously as we do.

For more information, contact us at:

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Lit. #230105 ©2013 WELD-ON 04-2013 IC