

WELD-ON®

THE WORLD'S MOST TRUSTED BOND

Product Guide



OUR KEY INDUSTRIES ► INDUSTRIAL | IRRIGATION | POOL & SPA | CONSTRUCTION | FIRE SUPPRESSION

We make the world's most reliable plastic pipe joining products for professionals who know trust can't be compromised.

For 70+ years, Weld-On has been the global leader in solvent cement technology. Our products have proven to be unquestionably dependable in exceptional projects around the planet—from the tallest skyscrapers to irrigation systems feeding families to high-tech factories and beyond.

What defines us:

FAILPROOF PRODUCTS

Weld-On products are proven to perform under the most demanding conditions. Each product faces stringent quality control tests and is continuously evaluated in the field against rigorous requirements. We hold ourselves to nothing less than being completely reliable.

▶ 0 FAILURES DUE TO MANUFACTURING DEFECTS

FIRST TO MARKET INNOVATORS

Expect forward-thinking products from Weld-On, the first company to pioneer solvent cement and the first to introduce environmentally responsible low VOC options. We continue to develop groundbreaking products to better suit our customers and their ever-changing needs, including regulatory compliance.

- ▶ 1993: LOW VOC CEMENTS
- ▶ 2019: ECO™ SERIES, THF-FREE
- ▶ 2022: ULTRA LOW VOC CEMENTS

INDUSTRY EXPERTS

Rely on us for the most knowledgeable product recommendations, educational tools and training opportunities. From our technical team to our hazmat logistic specialists, we are here to support you with whatever you need so you can feel confident and increase productivity.

- ▶ PROGRAMS AND TRAINING
- ▶ STAFFED TECHNICAL HOTLINE



Free Technical Training Program

The cost of solvent cement and primer is less than 2% of the entire cost of a plastic piping system—but if this 2% fails, the remaining 98% will not work. Proper solvent welding is the key to a long life for your plastic piping system, so it's worth investing your time to learn correct implementation.

Our comprehensive program covers the best practices of solvent welding, organized into three modules that can be tailored to fit your organization's needs.

CLASSROOM SEMINAR

- ▶ The basic principles of solvent welding pipe and fittings
- ▶ Techniques per ASTM D2855 standard
- ▶ How to choose the right solvent cement for the job
- ▶ Causes of joint failure
- ▶ Safety precautions

HANDS ON FIELD PRACTICE

- ▶ Interference fit check between pipe and fitting
- ▶ Pipe-end deburring
- ▶ Primer application
- ▶ Solvent cement application
- ▶ Pipe joint assembly

BONDER MODULE

- ▶ Hands-on pipe joint assembly practice
- ▶ Hydrostatic pressure testing per ASME B31.3 bonder qualifications standards
- ▶ Qualification card issued to participant upon passing the pressure test*

*There are increasing numbers of contracts specifying that bonders be qualified to the ASME B31.3 standard. Qualification may lead to a decrease in incidents and reduced liability insurance premiums.



SCAN HERE TO VISIT THE TECHNICAL TRAINING INFORMATION PAGE



 **YouTube**
@WeldonSolventCements



SCAN HERE TO VISIT OUR YOUTUBE CHANNEL



We have several informative videos to help you through your entire solvent cement journey, from product selection to step-by-step tutorials.

Technical Hotline

We offer a staffed, not pre-recorded, technical hotline to help answer questions about Weld-On products and techniques for solvent welding plastic pipe and fittings.

If you need assistance or want to sign up for our training program, call us or send us an email.

 **US 1-877-477-8327**

 **training@weldon.com**

Product Selector Guide

Choose the correct Weld-On products for your application based on your pipe diameter and material (PVC, CPVC or ABS). Refer to the following charts to help you and read further details on subsequent pages.

Irrigation Products					MAX PIPE SIZE					
					2 IN (63 MM)	4 IN (110 MM)	6 IN (160 MM)	8 IN (200 MM)	12 IN (315 MM)	30 IN (800 MM)
REGULAR BODIED		700	PVC	Ⓒ	SCHEDULE 80 SCHEDULE 40					
		710	PVC	Ⓒ	SCHEDULE 80 SCHEDULE 40					
MEDIUM BODIED		705	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
		721	PVC	●	SCHEDULE 80 SCHEDULE 40					
		725 WET 'R DRY	PVC	●	SCHEDULE 80 SCHEDULE 40					
		727 HOT 'R COLD	PVC	Ⓒ	SCHEDULE 80 SCHEDULE 40					
		735 WET 'N FAST	PVC	●	SCHEDULE 80 SCHEDULE 40					
		737 TURF 'N AG	PVC	●	SCHEDULE 80 SCHEDULE 40					
		711	PVC	●	SCHEDULE 80 SCHEDULE 40					
HEAVY BODIED		717	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					

Pool & Spa Products					MAX PIPE SIZE					
					2 IN (63 MM)	4 IN (110 MM)	6 IN (160 MM)	8 IN (200 MM)	12 IN (315 MM)	
REGULAR BODIED		740 Pool Regular	PVC	Ⓒ	SCHEDULE 80 SCHEDULE 40					
MEDIUM BODIED		744 Pool Medium	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
HEAVY BODIED		746 Pool Heavy	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
MEDIUM BODIED		747 Pool 'R Spa	PVC	●	SCHEDULE 80 SCHEDULE 40					
		748 Pool Fast	PVC	●	SCHEDULE 80 SCHEDULE 40					
		795 Flex	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
		Red Hot Pool Pro	PVC	●	SCHEDULE 80 SCHEDULE 40					

ICONS

Available in Weld-On ECO

ECO products are code compliant and have a 30% lower solvent emission rate than other cements



Industrial Strength



For Chemical Piping Systems

PIPE TYPE

CPVC PIPE

ABS

PVC PIPE

CTS

PRODUCT COLORS

Ⓒ Clear

● Orange

● Aqua

● Amber

○ White

● Blue

● Black

● Yellow

● Gray

● Blue to Clear

● Green

○ Milky

● Purple

Industrial Products

					MAX PIPE SIZE					
					2 IN (63 MM)	4 IN (110 MM)	6 IN (160 MM)	8 IN (200 MM)	12 IN (315 MM)	30 IN (800 MM)
MEDIUM BODIED		705	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
HEAVY BODIED		711	PVC	●	SCHEDULE 80 SCHEDULE 40					
EXTRA HEAVY BODIED		719	PVC	● ○	SCHEDULE 80 SCHEDULE 40					
HEAVY BODIED		724	CPVC	● ●	SCHEDULE 80 SCHEDULE 40					
EXTRA HEAVY BODIED		729	CPVC	●	SCHEDULE 80 SCHEDULE 40					

Construction & Specialty Products

					MAX PIPE SIZE					
					2 IN (63 MM)	4 IN (110 MM)	6 IN (160 MM)	8 IN (200 MM)	12 IN (315 MM)	30 IN (800 MM)
REGULAR BODIED		700	PVC	Ⓒ	SCHEDULE 40					
		702	PVC	Ⓒ	SCHEDULE 40					
MEDIUM BODIED		704	PVC	Ⓒ	SCHEDULE 80 SCHEDULE 40					
		705	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
HEAVY BODIED		711	PVC	●	SCHEDULE 80 SCHEDULE 40					
		717	PVC	Ⓒ ●	SCHEDULE 80 SCHEDULE 40					
EXTRA HEAVY BODIED		719	PVC	○ ●	SCHEDULE 80 SCHEDULE 40					
MEDIUM BODIED		790	PVC/CPVC	●	SCHEDULE 80 SCHEDULE 40					
REGULAR BODIED		713	CPVC	●	CTS					
MEDIUM BODIED		Flowguard Gold® Yellow		●	CTS	*FlowGuard Gold® is a registered trademark of the Lubrizol Corp				
		Flowguard Gold® Green		●	CTS	*FlowGuard Gold® is a registered trademark of the Lubrizol Corp				
HEAVY BODIED		714	CPVC	● ●	SCHEDULE 80 SCHEDULE 40					
MEDIUM BODIED		794 TRANSITION	ABS PVC	●	ABS - ALL CLASSES & SCHEDULES EXCEPT SCHEDULE 80					
		771	ABS	○	ABS - ALL CLASSES AND SCHEDULES					
		773	ABS	●	ABS - ALL CLASSES AND SCHEDULES					

PVC Solvent Cements

Weld-On® cements have the widest range of high-strength, ultra low VOC solvent cements for every PVC application, for rigid as well as flexible PVC pipe and fittings. Regular, medium, heavy and extra heavy bodied cements are formulated for PVC pipe in many schedules and sizes. These products are ideal for use with potable water pressure systems, irrigation, industrial piping, sewer and DWV systems.

700 ECO™ PVC   REGULAR BODIED ▶ Maximum strength with reduced odorous fumes for improved workplace environment. ▶ Suitable for irrigation, plumbing, electrical conduit, pool & spa applications, as well as PVC foam core pipe. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 4" (110 mm) PVC ▶ 2" (63 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#14800) ▶ Quart (#14801) ▶ Pint (#14802) 	700™ PVC  REGULAR BODIED ▶ Excellent for irrigation, plumbing, electrical conduit, pool & spa applications, including PVC foam core pipe. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 4" (110 mm) PVC ▶ 2" (63 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#10078) ▶ Quart (#10079) ▶ Pint (#10080) ▶ ½ Pint (#10081) ▶ ¼ Pint (#10082) 
710™ PVC  REGULAR BODIED ▶ Specially formulated for irrigation piping. ▶ Suitable for irrigation, plumbing, electrical conduit, pool & spa applications, including PVC foam core pipe. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 2" (63 mm) PVC Not for Schedule 80 SET TIME Very Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#10111) ▶ Quart (#10112) ▶ Pint (#10113) ▶ ½ Pint (#10114) ▶ ¼ Pint (#10115) 	704™ PVC  MEDIUM BODIED ▶ Quality formulation for 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. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#12122) ▶ Quart (#12123) ▶ Pint (#12124) ▶ ½ Pint (#12125) ▶ ¼ Pint (#12126) 
705 ECO™ PVC   MEDIUM BODIED ▶ Maximum strength. Reduced odorous fumes for improved workplace environment. ▶ Suitable for industrial, irrigation, plumbing, DWV, electrical conduit, pool & spa applications, including PVC foam core pipe. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B137.3 ▶ CSA B181.2 AVAILABLE SIZES ▶ Gallon (#14805) ▶ Quart (#14806) ▶ Pint (#14807) 	705™ PVC  MEDIUM BODIED ▶ Suitable for irrigation, plumbing, electrical conduit, pool & spa applications, including PVC foam core pipe. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES CLEAR ▶ Gallon (#10085) ▶ Quart (#10089) ▶ Pint (#10093) ▶ ½ Pint (#10097) ▶ ¼ Pint (#10100) GRAY ▶ Gallon (#10086) ▶ Quart (#10090) ▶ Pint (#10094) ▶ ½ Pint (#10098) ▶ ¼ Pint (#10101) 

ICONS

-  Available in Weld-On ECO
ECO products are code compliant and have a 30% lower solvent emission rate than other cements
-  Industrial Strength
-  For Chemical Piping Systems

PRODUCT COLORS

-  Clear
-  White
-  Gray
-  Purple
-  Orange
-  Blue to Clear
-  Aqua
-  Black
-  Green
-  Amber
-  Yellow
-  Milky

721 ECO™ PVC **MEDIUM BODIED**

- ▶ Maximum strength. Reduced odorous fumes for improved workplace environment.
- ▶ Premium, high-strength formulation for irrigation, DWV, pool & spa and plumbing.
- ▶ Can be used without primer on non-pressure systems if local codes permit.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC
▶ 4" (110 mm) Schedule 80 PVC

SET TIME
Fast

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Gallon (#14927)
▶ Quart (#14928)
▶ Pint (#14929)



721™ PVC **MEDIUM BODIED**

- ▶ Premium, high-strength formulation for irrigation, DWV, pool & spa and plumbing.
- ▶ Can be used without primer on non-pressure systems if local codes permit.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC
▶ 4" (110 mm) Schedule 80 PVC

SET TIME
Fast

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Gallon (#10160)
▶ Quart (#10161)
▶ Pint (#10162)
▶ ½ Pint (#10163)
▶ ¼ Pint (#10849)



711 ECO™ PVC **HEAVY BODIED**

- ▶ Maximum strength. Reduced odorous fumes for improved workplace environment.
- ▶ For large diameter pressure piping systems.
- ▶ Good gap filling properties.
- ▶ Medium set allows for more working time in warm weather.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 12" (315 mm) PVC all classes & schedules

SET TIME
Medium

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Gallon (#14834)
▶ Quart (#14835)
▶ Pint (#14836)



711™ PVC **HEAVY BODIED**

- ▶ High-strength formula for large diameter pressure piping systems.
- ▶ Good gap filling properties.
- ▶ Medium set allows for more working time in warm weather.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 12" (315 mm) PVC all classes & schedules

SET TIME
Medium

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Gallon (#10117)
▶ Quart (#10119)
▶ Pint (#10121)
▶ ½ Pint (#10123)



717 ECO™ PVC **HEAVY BODIED**

- ▶ Maximum strength. Reduced odorous fumes for improved workplace environment.
- ▶ 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.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 12" (315 mm) PVC all classes & schedules

SET TIME
Medium

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
CLEAR
▶ Quart (#14826)
▶ Pint (#14827)
▶ ½ Pint (#14828)

GRAY
▶ Gallon (#14830)
▶ Quart (#14831)
▶ Pint (#14832)



717™ PVC **HEAVY BODIED**

- ▶ 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.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 12" (315 mm) PVC all classes & schedules

SET TIME
Medium

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61
▶ CSA B137.3
▶ CSA B181.2

AVAILABLE SIZES
CLEAR
▶ Gallon (#10141)
▶ Quart (#10144)
▶ Pint (#10147)
▶ ½ Pint (#10150)
▶ ¼ Pint (#10861)
GRAY
▶ Gallon (#10142)
▶ Quart (#10145)
▶ Pint (#10148)
▶ ½ Pint (#10151)



719™ PVC **EXTRA HEAVY BODIED**

- ▶ 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.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 30" (800 mm) PVC all classes & schedules

SET TIME
Slow

INDUSTRY LISTING
 PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
WHITE
▶ Gallon (#10155)
▶ Quart (#10157)
▶ Pint (#10159)
▶ 10.3 Oz (#12658)

GRAY
▶ Gallon (#13078)
▶ Quart (#10156)



PVC Specialty Solvent Cements

Regular, medium, heavy and extra heavy bodied cements are specifically formulated for PVC plastic pipe and fittings.

725™ Wet ‘R Dry™  MEDIUM BODIED ▶ 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. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Extremely Fast  INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#10164) ▶ Quart (#10165) ▶ Pint (#10166) ▶ ½ Pint (#10167) ▶ ¼ Pint (#10850)	727™ Hot ‘R Cold™  MEDIUM BODIED ▶ Premium formula for all weather conditions (-15°F to 110°F / -26°C to 43°C). ▶ Suitable for industrial, irrigation, plumbing, electrical conduit, pool & spa applications, as well as PVC foam core pipe. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Very Fast  INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#10840) ▶ Quart (#10841) ▶ Pint (#10842)
735™ Wet ‘N Fast™  MEDIUM BODIED ▶ 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. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Very Fast  INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#12494) ▶ Quart (#12495) ▶ Pint (#12496) ▶ ½ Pint (#12497) ▶ ¼ Pint (#12498)	737™ Turf ‘N Ag™  MEDIUM BODIED ▶ Premium formula with higher viscosity making it ideal for turf and agricultural applications, as well as PVC well casing. ▶ Blue color fades to clear in sunlight for cleaner looking joints. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 8" (200 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC SET TIME Very Fast  INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#10988) ▶ Quart (#10989) ▶ Pint (#10990) ▶ ½ Pint (#11984) ▶ ¼ Pint (#11985)
795™ PVC   MEDIUM BODIED ▶ Suitable for industrial, irrigation, plumbing, electrical conduit, pool & spa applications, as well as PVC foam core pipe. ▶ Can be used without primer on non-pressure systems if local codes permit. ▶ Premium cement specially formulated for use on flexible and/or rigid PVC. ▶ Forms flexible high-strength joints. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 3" (90 mm) Schedule 80 PVC SET TIME Fast INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES CLEAR ▶ Gallon (#10278) ▶ Quart (#10280) ▶ Pint (#10281) ▶ ½ Pint (#10282) ▶ ¼ Pint (#10283) BLUE ▶ Gallon (#11727) ▶ Quart (#11905)	



CPVC Solvent Cements

Regular, medium, heavy and extra heavy bodied cements are specifically formulated for CPVC plastic pipe and fittings. These products are ideal for use in hot/cold water plumbing systems, water treatment and chemical plants, as well as industrial piping systems.

713™ CPVC  REGULAR BODIED ► For residential plumbing and industrial systems. ► For potable water to 180°F (82°C). MAX PIPE SIZE (INTERFERENCE FIT) 2" (63 mm) CPVC copper tube size SET TIME Fast INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION • ASTM D 2846 • ASTM F 493 • NSF/ANSI 14 • NSF/ANSI 61 AVAILABLE SIZES • Quart (#10126) • Pint (#10127) • ½ Pint (#10128) • ¼ Pint (#10129) 	714™ CPVC   HEAVY BODIED ► Industrial quality for non-chemical applications up to 180°F (82°C). ► Approved for use on Corzan® CPVC piping systems. MAX PIPE SIZE (INTERFERENCE FIT) 12" (315 mm) CPVC, all classes & schedules SET TIME Medium INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION • ASTM D 2846 • ASTM F 493 • NSF/ANSI 14 • NSF/ANSI 61 AVAILABLE SIZES ORANGE • Gallon (#10130) • Quart (#10132) • Pint (#10135) • ½ Pint (#10137) GRAY • Quart (#10131) • Pint (#10134) 
729™ CPVC   EXTRA HEAVY BODIED ► Extra heavy bodied industrial quality cement for applications requiring high gap filling properties. ► Ideal for fabrication of large sized fittings. ► May be used for chemical applications. MAX PIPE SIZE (INTERFERENCE FIT) 24" (600 mm) CPVC, all classes & schedules SET TIME Slow PERFORMANCE SPECIFICATION • ASTM F 493 AVAILABLE SIZES • Gallon (#10844) • Quart (#10845) 	724™ CPVC   HEAVY BODIED ► Premium, chemical-resistant, high-strength solvent cement for use with CPVC and PVC piping systems carrying acids, bases, salts, and hypochlorites. ► Approved for Corzan® CPVC piping systems. MAX PIPE SIZE (INTERFERENCE FIT) 12" (315 mm) CPVC, all classes & schedules SET TIME Medium INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION • ASTM F 493 • NSF/ANSI 14 • NSF/ANSI 61 AVAILABLE SIZES ORANGE • Gallon (#12817) • Quart (#12818) • Pint (#13531) GRAY • Gallon (#12233) • Quart (#11659) • Pint (#11890) 
FlowGuard Gold® Yellow  MEDIUM BODIED ► Suitable for residential plumbing and industrial systems. ► ONE STEP CEMENT: Formulated to be used without primer if local codes permit. ► Approved for use on FlowGuard Gold® Systems. MAX PIPE SIZE (INTERFERENCE FIT) 2" (63 mm) CPVC copper tube size SET TIME Fast INDUSTRY LISTING    PW-G/DWV / SW PW-G/DWV / SW PERFORMANCE SPECIFICATION • ASTM D 2846 • ASTM F 493 • NSF/ANSI 61 • NSF/ANSI 14 • NSF/ANSI 36 • CSA B137.6 AVAILABLE SIZES • Gallon (#11025) • Quart (#11026) • Pint (#11027) • ½ Pint (#11028) • ¼ Pint (#11029) 	FlowGuard Gold® Green  MEDIUM BODIED ► High contrast green color CPVC cement, easy to identify for code inspection. ► Suitable for residential plumbing and industrial systems. ► ONE STEP CEMENT: Formulated to be used without primer if local codes permit. ► Approved for use on FlowGuard Gold® Systems. MAX PIPE SIZE (INTERFERENCE FIT) 2" (63 mm) CPVC copper tube size SET TIME Fast INDUSTRY LISTING    PW-G/DWV / SW PW-G/DWV / SW PERFORMANCE SPECIFICATION • ASTM D 2846 • ASTM F 493 • NSF/ANSI 61 • NSF/ANSI 14 • NSF/ANSI 36 • CSA B137.6 AVAILABLE SIZES • Gallon (#16161) • Quart (#16162) • Pint (#16163) • ½ Pint (#16164) • ¼ Pint (#16165) 

ICONS



Available in Weld-On ECO
ECO products are code compliant
and have a 30% lower solvent
emission rate than other cements



Industria Strength



For Chemical
Piping Systems

PRODUCT COLORS



clear



Gray



Orange



qua



umber



Pool & Spa | PVC Primer, Cleaner & Solvent Cements

Our Pool & Spa Series was developed to meet the professional needs of contractors in assembling PVC piping systems for pool and spa applications. Our 740™, 744™ and 746™ solvent cements have different viscosities that meet specific pool and spa requirements, and 747™, 748™ cements are formulated for use in wet, quick pressurization and/or pool maintenance and repair applications.

740™ ECO™ Pool Regular   ▶ Regular bodied cement for pool & spa applications. ▶ Maximum strength with reduced odorous fumes for improved workplace environment. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 4" (110 mm) PVC PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 INDUSTRY LISTING   PW-G/DWV / SW SET TIME Fast AVAILABLE SIZES ▶ Quart (#14849) 	740™ Pool Regular  ▶ Regular bodied cement for pool & spa applications. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 4" (110 mm) PVC INDUSTRY LISTING   PW-G/DWV / SW SET TIME Fast PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 AVAILABLE SIZES ▶ Gallon (#13550) ▶ Quart (#14849) ▶ Pint (#13552) ▶ ½ Pint (#13553) 
744™ ECO™ Pool Medium   ▶ Medium bodied cement for pool & spa applications. ▶ Maximum strength with reduced odorous fumes for improved workplace environment. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B137.3 ▶ CSA B181.2 INDUSTRY LISTING   PW-G/DWV / SW SET TIME Fast AVAILABLE SIZES ▶ Quart (#14854) 	744™ Pool Medium   ▶ Medium bodied cement for pool & spa applications. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC INDUSTRY LISTING     PW-G/DWV / SW   PW-G/DWV / SW (Gray Only) SET TIME Fast PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B137.3 ▶ CSA B181.2 AVAILABLE SIZES CLEAR ▶ Gallon (#13554) ▶ Quart (#13555) ▶ Pint (#13556) ▶ ½ Pint (#13557) GRAY ▶ Gallon (#13558) ▶ Quart (#13559) 
746™ ECO™ Pool Heavy   ▶ Heavy bodied cement for pool & spa applications ▶ Maximum strength with reduced odorous fumes for improved workplace environment. MAX PIPE SIZE (INTERFERENCE FIT) 12" (315 mm) PVC all classes & schedules PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B137.3 ▶ CSA B181.2 SET TIME Medium INDUSTRY LISTING   PW-G/DWV / SW AVAILABLE SIZES GRAY ▶ Quart (#14867) 	746™ Pool Heavy   ▶ Heavy bodied cement for pool & spa applications. MAX PIPE SIZE (INTERFERENCE FIT) 12" (315 mm) PVC all classes & schedules INDUSTRY LISTING     PW-G/DWV / SW   PW-G/DWV / SW (Gray Only) SET TIME Medium PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B137.3 ▶ CSA B181.2 AVAILABLE SIZES GRAY ▶ Gallon (#13566) ▶ Quart (#13567) ▶ Pint (#13568) ▶ ½ Pint (#13569) CLEAR ▶ Gallon (#13562) ▶ Quart (#13563) 
747™ Pool 'R Spa™  ▶ Medium bodied premium PVC cement specially formulated for pool & spa applications. ▶ Ideal for wet or quick pressurization conditions. ▶ Blue cement fades to clear in sunlight for cleaner looking joints. ▶ Can be used without primer on non-pressure systems if local codes permit. MAX PIPE SIZE (INTERFERENCE FIT) ▶ 6" (160 mm) PVC ▶ 4" (110 mm) Schedule 80 PVC INDUSTRY LISTING    PW-G/DWV / SW SET TIME Extremely Fast PERFORMANCE SPECIFICATION ▶ ASTM D 2564 ▶ NSF/ANSI 14 ▶ NSF/ANSI 61 ▶ CSA B45.10 AVAILABLE SIZES ▶ Gallon (#10851) ▶ Quart (#10852) ▶ Pint (#10853) ▶ ½ Pint (#10854) ▶ ¼ Pint (#10855) 	

748™ ECO™ Pool Fast™

- ▶ Maximum strength with reduced odorous fumes for improved workplace environment.
- ▶ Medium bodied, maximum strength and fast setting cement; formulated for pool maintenance and repair.
- ▶ Blue cement fades to clear in sunlight for cleaner looking joints.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC
▶ 4" (110 mm) Schedule 80 PVC

SET TIME
Fast

INDUSTRY LISTING   PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Quart (#14871)



748™ Pool Fast™

- ▶ Medium bodied high-strength solvent cement formulated for pool maintenance and repair.
- ▶ For wet or quick pressurization conditions.
- ▶ Blue cement fades to clear in sunlight for cleaner looking joints.
- ▶ Can be used without primer on non-pressure systems if local codes permit.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC
▶ 4" (110 mm) Schedule 80 PVC

SET TIME
Ultra Fast

INDUSTRY LISTING   PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
▶ Gallon (#13655)
▶ Quart (#13342)
▶ Pint (#13343)
▶ ½ Pint (#13344)



Pool Primer™

- ▶ Quality primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces in pool and spa applications.

INDUSTRY LISTING   PW-G/DWV / SW

PERFORMANCE SPECIFICATION
▶ ASTM D 2564
▶ NSF/ANSI 14
▶ NSF/ANSI 61

AVAILABLE SIZES
CLEAR
▶ Gallon (#13574)
▶ Quart (#13575)
▶ Pint (#13576)
▶ ½ Pint (#13656)

PURPLE
▶ Gallon (#13570)
▶ Quart (#13571)
▶ Pint (#13572)
▶ ½ Pint (#13658)



Pool Cleaner™

- ▶ For removal of oil and grease from the surfaces of PVC, CPVC, ABS in pool and spa applications and STYRENE pipe and fittings for bonding.
- ▶ Use before priming of pipe and fittings.

AVAILABLE SIZES
▶ Gallon (#15917)
▶ Quart (#15918)
▶ Pint (#15919)
▶ ½ Pint (#15920)



ABS Solvent Cements

771™ ABS MEDIUM BODIED

- ▶ For plumbing applications (DWV, sewer and drain pipe), conduit and foam core.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 8" (200 mm) PVC all classes & schedules

SET TIME
Fast

PERFORMANCE SPECIFICATION
▶ ASTM D 2235
▶ NSF/ANSI 14
▶ NSF/ANSI 61

INDUSTRY LISTING   PW-G/DWV / SW

AVAILABLE SIZES
▶ Gallon (#10230)
▶ Quart (#10232)
▶ Pint (#10233)



773™ ABS MEDIUM BODIED

- ▶ For plumbing applications (DWV, sewer and drain pipe), conduit and foam core.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 8" (200 mm) PVC all classes & schedules

SET TIME
Fast

PERFORMANCE SPECIFICATION
▶ ASTM D 2235
▶ NSF/ANSI 14

INDUSTRY LISTING   PW-G/DWV / SW

AVAILABLE SIZES
▶ Gallon (#10241)
▶ Quart (#10243)
▶ Pint (#10244)
▶ ½ Pint (#10245)
▶ ¼ Pint (#10246)



Transition & Specialty Solvent Cements

790™ Multi-Purpose MEDIUM BODIED HIGH-STRENGTH

- ▶ Multi-purpose cement for PVC and CPVC pipe and fittings.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC all classes & schedules
▶ 4" (110 mm) Schedule 80 - PN 10 & 16

SET TIME
Fast

PERFORMANCE SPECIFICATION
▶ ASTM F-493

AVAILABLE SIZES
▶ Gallon (#11248)
▶ Quart (#10257)
▶ Pint (#10258)
▶ ½ Pint (#10259)
▶ ¼ Pint (#10260)



794™ ABS-PVC MEDIUM BODIED

- ▶ For use only on ABS to PVC transition joints in non-pressure systems.
- ▶ Suitable for sewer, DWV and conduit.

MAX PIPE SIZE (INTERFERENCE FIT)
▶ 6" (160 mm) PVC, Not for Schedule 80 PN 10 or Higher

PERFORMANCE SPECIFICATION
▶ ASTM D 3138

INDUSTRY LISTING   PW-G/DWV / SW

AVAILABLE SIZES
▶ Gallon (#10272)
▶ Quart (#10273)
▶ Pint (#10274)
▶ ½ Pint (#10275)
▶ ¼ Pint (#13369)



ICONS

 Available in Weld-On ECO
ECO products are code compliant and have a 30% lower solvent emission rate than other cements

 Industrial Strength

 For Chemical Piping Systems

PRODUCT COLORS

 Clear
 White
 Gray
 Purple
 Blue
 Orange
 Blue to Clear
 Black
 Green
 Amber
 Yellow
 Milky

P-68 ECO™ Primer   - Essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. - Maximum strength with reduced odorous fumes for improved workplace environment. INDUSTRY LISTING   Purple Only PW-G/DWV / SW PERFORMANCE SPECIFICATION - ASTM F 656 - NSF/ANSI 14 - NSF/ANSI 61 AVAILABLE SIZES CLEAR - Gallon (#14838) - Quart (#14839) - Pint (#14840) PURPLE - Gallon (#14843) - Quart (#14844) - Pint (#14845) 	P-68 Primer  - Essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. INDUSTRY LISTING   Purple Only PW-G/DWV / SW PERFORMANCE SPECIFICATION - ASTM F 656 - NSF/ANSI 14 - NSF/ANSI 61 AVAILABLE SIZES CLEAR - Gallon (#10207) - Quart (#10209) - Pint (#10211) ½ Pint (#10213) ¼ Pint (#10215) PURPLE - Gallon (#10208) - Quart (#10210) - Pint (#10212) ½ Pint (#10214) ¼ Pint (#10216) 
P-68™ UV GLOW™ Primer  - Clean, clear appearance that glows purple under UV light for code inspection. - Essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. INDUSTRY LISTING   PW-G/DWV / SW PERFORMANCE SPECIFICATION - ASTM F 656 - NSF/ANSI 14 - NSF/ANSI 61 - SCAQMD Rule 1168/316A - IAPMO Uniform Plumbing Code AVAILABLE SIZES - Quart (#16212) - Pint (#16213) 	
P-70™ Primer   - Premium, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. - Recommended for use on Schedule 80 (PN 10 and higher) and large size pipe. - Excellent for cold weather applications. INDUSTRY LISTING   Purple Only PW-G/DWV / SW PERFORMANCE SPECIFICATION - ASTM F 656 - NSF/ANSI 14 - NSF/ANSI 61 AVAILABLE SIZES CLEAR - Gallon (#10220) - Quart (#10222) - Pint (#10224) ½ Pint (#10226) ¼ Pint (#10228) PURPLE - Gallon (#10221) - Quart (#10223) - Pint (#10225) ½ Pint (#10227) ¼ Pint (#10229) 	P-75™ Wet 'R Dry™ Primer  - Premium, fast acting, industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. - Specially formulated for wet and/or quick set applications. INDUSTRY LISTING  PW-G/DWV / SW PERFORMANCE SPECIFICATION - ASTM F 656 - NSF/ANSI 14 - NSF/ANSI 61 AVAILABLE SIZES - Gallon (#10247) - Quart (#10248) - Pint (#10249) ½ Pint (#10250) 
C-65™ Cleaner  - For removal of oil and grease from the surfaces of PVC CPVC, ABS and STYRENE pipe and fittings for bonding. - Use before priming of pipe and fittings. AVAILABLE SIZES - Gallon (#10200) - Quart (#10201) - Pint (#10202) ½ Pint (#10203) ¼ Pint (#10204) 	PC-64 Primer/Conditioner  - For surface preparation of PVC and CPVC pipe and fittings before bonding with solvent cements. AVAILABLE SIZES - PURPLE - Gallon (#10871) - Quart (#10872) - Pint (#10873) - CLEAR - Quart (#12656) 

ICONS		PRODUCT COLORS													
	Available in Weld-On ECO ECO products are code compliant and have a 30% lower solvent emission rate than other cements		Industrial Strength		For Chemical Piping Systems		Clear		Purple		Blue to Clear		Aqua		Amber
							White		Blue		Clear to UV Purple		Black		Yellow
							Gray		Orange				Green		Milky

Solvent Cement Set Time

TEMPERATURE RANGE	MAX PIPE SIZE	1/2 - 1 1/4 IN (20 - 40 MM)	1 1/2 - 2 IN (50 - 63 MM)	2 1/2 - 8 IN (75 - 200 MM)	10 - 15 IN (250 - 380 MM)	15+ IN (380+ MM)
60° - 100° F (16° - 38° C)		2 MINS	5 MINS	30 MINS	2 HRS	4 HRS
40° - 60° F (5° - 16° C)		5 MINS	10 MINS	2 HRS	8 HRS	16 HRS
0° - 40° F (-18° - 5° C)		10 MINS	15 MINS	12 HRS	24 HRS	48 HRS

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.

Solvent Cement Cure Time

Average Joint Cure Schedule For Weld-On® PVC/CPVC Solvent Cements**									
RELATIVE HUMIDITY 60% OR LESS	MAX PIPE SIZE	½ - ¼ IN (20 - 40 MM)		1½ - 2 IN (50 - 63 MM)		2½ - 8 IN (75 - 200 MM)		10 - 15 IN (250 - 380 MM)	15+ IN (380+ MM)
Temperature range during assembly and cure periods		up to 160 psi/ 11 Bar	160 to 370 psi/ 11 to 26 Bar	up to 160 psi/ 11 Bar	160 to 315 psi/ 11 to 22 Bar	up to 160 psi/ 11 Bar	160 to 315 psi/ 11 to 22 Bar	up to 100 psi/ 7 Bar	up to 100 psi/ 7 Bar
60° - 100° F (16° - 38° C)		15 MIN	6 HRS	30 MIN	12 HRS	1½ HRS	24 HRS	48 HRS	72 HRS
40° - 60° F (5° - 16° C)		20 MIN	12 HRS	45 MIN	24 HRS	4 HRS	48 HRS	96 HRS	6 DAYS
0° - 40° F (-18° - 5° C)		30 MIN	48 HRS	1 HRS	96 HRS	72 HRS	8 DAYS	8 DAYS	14 DAYS

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

Average Number of Joints/Quart of Weld-On® Cement

Pipe Diameters	½" or 20mm	¾" or 25mm	1" or 32mm	1½" or 50mm	2" or 63mm	3" or 90mm	4" or 110mm	6" or 160mm	8" or 200mm	10" or 250mm	12" or 315mm	15" or 380mm	18" or 450mm
Number of Joints per Quart (1kg)	300	200	125	90	60	40	30	10	5	2-3	1-2	¾	½

Note (for Primer): Double the number of joints shown for cement.

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

Pipe Size Equivalent Chart - Inches/Millimeters

IN.	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	6"	8"	10"	12"	14"	18"	24"	30"
MM.	20	25	32	40	50	63	75	90	110	160	200	250	315	355	450	600	800

Product Shelf Life

Primers/Cleaners	3 Years
PVC Solvent Cements	3-4 Years
CPVC Solvent Cements	2-3.5 Years
ABS Solvent Cements	3 Years

Volume Equivalence

US UNIT	METRIC UNIT
Gallon	3.785 Liter
Quart	946 mL (milliliter)
Pint	473 mL
½ Pint	237 mL
¼ Pint	118 mL

Refer to individual product for shelf-life detail.

Accessories for Solvent Cementing

Empty Metal Cans

AVAILABLE SIZES

- ▶ MT-648 (#10010)
Gallon can with 27/8" neck
- ▶ MT-651 (#10012)
Quart can with 1 3/4" neck
- ▶ MT-653 (#10014)
Quart can with triple tight neck (paint style)
- ▶ MT-654 (#10015)
Pint can with 1 3/4" neck

Caps not available for sale.
Daubers sold separately.

CanTote™ Carrier

- ▶ For carrying quart and pint cans.

6 Pack
(#14147)

24 Pack
(#12891)

Mechanical Pipe Puller

- ▶ For installation of large diameter plastic pipe and fittings.
- ▶ Lightweight, durable and can be operated by one person.

Available for pipe and fittings sizes:

- ▶ 4"-12" diameter (#12816)
- ▶ 14"-20" diameter (#12815)

Easy Twist™ Can Opener

- ▶ Ergonomically designed to easily open the can without damaging the cap.
- ▶ When closing the can, the Easy Twist™ helps tighten and seal the cap; preventing solvent cements or primers from drying out.

8 Pack (#14550)

Rollers & Swabs	Size	Pipe Diameters
3020	3" Roller	3" - 6"
6020	4" Roller	3" - 8"
7020	7" Roller	6"+
4020	4" Swab	6"+
5020	4" Swab	3" - 8"
8020	4" Swab	6"+
SuperSwab™	4" Swab	4" - 8"



SPECIALTY PRODUCTS

Repair & Fabrication Adhesives

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

810™ (A & B) Kit

- Thick, syrupy, two-component, high strength reactive adhesive.
- Able to withstand very high pressures and highly impact-resistant.
- Excellent gap-filling properties, great for repairing cracks or leaky pipe valves and fittings.
- Ideal for fabricating fittings and joining saddles to pipe. Good for bonding large diameter PVC and CPVC pipe and fittings.

APPLICABLE FOR USE WITH

- PVC
- CPVC
- ABS
- Styrene
- Clay
- Concrete
- Acrylic
- FRP (fiberglass-reinforced polyester)

SET TIME
1 Hour

SHELF LIFE
1 Year

AVAILABLE SIZES

- Gallon (#10810)
- Quart (#10811)
- Pint (#10812)
- 4 Oz (#10813)

VISCOSITY
30,000 CPS

811™

SAME FORMULA AS 810, DIFFERENT PACKAGING FORMAT

- Thick, syrupy, two-component, high strength reactive adhesive.
- Able to withstand very high pressures and highly impact-resistant.
- Excellent gap-filling properties, great for repairing cracks or leaky pipe valves and fittings.
- Ideal for fabricating fittings and joining saddles to pipe. Good for bonding large diameter PVC and CPVC pipe and fittings.
- Packaged in a dual cylinder cartridge for easy dispensing and application

APPLICABLE FOR USE WITH

- PVC
- CPVC
- ABS
- Clay
- Styrene
- Acrylic
- Concrete
- FRP (fiberglass-reinforced polyester)

SET TIME
1 Hour

SHELF LIFE
1 Year

AVAILABLE SIZES

- 470ml (#10985)

VISCOSITY
40,000 CPS

845™

- Highly viscous, two-component, high strength, reactive adhesive.
- Product can withstand very high pressure and large temperature range (-30°F/-35°C to 140°F/60°C).
- Impact resistant and can be used in wet conditions.
- Ideal for fabricating fittings and joining saddles to pipe. Good for bonding large diameter PVC and CPVC pipe and fittings.
- Excellent gap-filling properties.
- Packaged in a dual cylinder cartridge for easy dispensing and application.

APPLICABLE FOR USE WITH

- PVC
- CPVC
- ABS
- Acrylic
- FRP (fiberglass-reinforced polyester)
- Concrete
- Fiberglass

SET TIME
30 Minutes

SHELF LIFE
1 Year

AVAILABLE SIZES

- 400mL (#12759)
- 43mL (#12709 12-pack)
- 43mL Starter Kit (#12711)

VISCOSITY
400,000 CPS

811™ Dispensing Gun & Mixing Tips

- Manual or pneumatic dispensing gun for convenient application of Weld-On 811 high strength adhesive.
- Straight mixing tip provides even blending of the two adhesive components prior to application.

AVAILABLE SIZES

- Manual gun (#14150)
- Mixing tip (#14080)

845™ Dispensing Gun & Mixing Tips

- Manual or pneumatic dispensing gun for convenient application of Weld-On 845 high strength adhesive.
- Straight mixing tip provides even blending of the two adhesive components prior to application.

AVAILABLE SIZES

- 400mL: Manual gun (#14152), Mixing tip (#14040)
- 43mL: Manual gun (#12471), Mixing tip (#14077)

SPECIALTY PRODUCTS

Pipe Thread Sealants

Pipe Thread Sealants are lead free, odor free, non-staining, applicable in a large temperature range, can be immediately pressurized, easy to clean and have a creamy texture that packs well for a better seal.

White Seal™ Plus

MULTI-PURPOSE SEALANT WITH PTFE

- Contains finely homogenized PTFE particles for filling cracks and thread imperfections, ensuring a leak-proof seal.
- Non-setting formula allows easy disassembly of joints without pipe damage, fittings or threads. Protects threaded areas from rust/corrosion and prevents galling.
- For sealing and lubricating all metal and plastic (ABS, PVC, CPVC, Polypropylene, & Nylon) piping systems carrying various materials.¹
- Tested and approved for the FBC System compatible program for use with FlowGuard Gold®, BlazeMaster®, and Corzan® CPVC plastic piping systems.
- No VOC content.

PRESSURE RATING (PSI)

- Liquids: 10,000
- Gases: 3,000

TEMPERATURE RANGE
-50°F to 455°F

INDUSTRY LISTING

NSF UPC FBC

PW-G/DWV / SW

Blue Seal™

INDUSTRIAL GRADE SEALANT

- Heavy duty, grit-free formula. Excellent for industrial applications and pipe lines in high vibration environments.
- Contains finely homogenized PTFE particles for filling cracks and thread imperfections-ensuring a leak-proof seal.
- For sealing and lubricating all metal and plastic (ABS, PVC, CPVC, Polypropylene & Nylon) piping systems carrying various materials.¹
- Tested and approved for the FBC System compatible program for use with FlowGuard Gold®, BlazeMaster®, and Corzan® CPVC plastic piping systems.
- No VOC content.

PRESSURE RATING (PSI)

- Liquids: 10,000
- Gases: 3,000

TEMPERATURE RANGE
-50°F to 455°F

INDUSTRY LISTING

NSF UPC FBC

PW-G/DWV / SW

All Seal™

MULTI-PURPOSE SEALANT

- Slow drying, soft-setting formula allows time to work with pipe joints. Easy for disassembly.
- Creamy, non-separating consistency provides excellent thread coverage.
- Grit-free to provide leak-proof seal on pipe threads.
- For sealing and lubricating all metal and plastic (ABS, PVC, CPVC, Polypropylene, & Nylon) piping systems carrying various materials.¹
- Very low VOC content: 152 g/L.

PRESSURE RATING (PSI)

- Liquids: 6,000
- Gases: 3,000

TEMPERATURE RANGE
-50°F to 455°F

INDUSTRY LISTING

NSF UPC FBC

PW-G/DWV / SW

505 Key Tite™

METAL PIPE SEALANT

- Special formulation seals and lubricates metal pipe joints as well as protects them from rusting and seizing.
- Applicable for all types of metal joints (threaded, flanged or gasketed).
- For sealing and lubricating all metal piping systems carrying various materials.

PRESSURE RATING (PSI)
Dependent on pressure rating of the piping systems

TEMPERATURE RANGE
-50°F to 450°F

INDUSTRY LISTING

NSF UPC FBC

PW-G/DWV / SW

505 Key Tite can be used on metal piping systems carrying: acids (diluted), air (compressed or gaseous), alcohols, alkalis (diluted), brine, caustics (diluted), gases (manufactured or natural), low pressure steam lines, sugar (liquid), and hot or cold water.

¹All Seal, Blue Seal, and White Seal can be used on metal and plastic piping systems carrying: air & gases (compressed, manufactured or natural), ammonia, brine, acid (diluted), caustic alkalis (diluted), corrosives, freons, fuel (diesel, gasoline, jet fuel, and kerosene), oils, petroleum, propane, solvents, steam, sugar, and water. Not recommended for oxygen, fluorine, or liquid sodium systems.

SPECIALTY PRODUCTS

Cutting Oils

Weld-On offers two types of cutting oil for use on metal pipe threading, cutting and other machines.

Light Cutting Oil

- For light duty manual or low rpm threading machines as well as for drilling, reaming and rolling machines using ferrous and non-ferrous metals.

AVAILABLE SIZES

- Gallon (#80425)
- Quart (#80424)

Dark Cutting Oil

- High-grade oil blend for medium to heavy duty cutting, threading, drilling, reaming and rolling machines using ferrous and non-ferrous metals.

AVAILABLE SIZES

- Gallon (#80421)
- Quart (#80420)

SPECIALTY PRODUCTS

Joint Lubricants

Our joint lubricants are non-toxic, non-corrosive and can be easily washed out of piping systems.

EZ Flush Pipe Lubricant

- Applicable for joining all metal and plastic gasketed pipes.
- Lubricates slip-on or “O” ring type joints without harming rubber or plastic gaskets.
- Non-toxic and non-corrosive. No taste or odor.
- Easily flushes out of piping system.

INDUSTRY LISTING



PW-G/DWV / SW

- AVAILABLE SIZES**
- 5 Gallon (#87712)
 - Gallon (#87719)
 - Quart (#87718)



Seal Lube Gasket Lubricant

- Primes and lubricates slip-on or “O” ring type joints with rubber or synthetic rubber gaskets.
- Non-toxic and non-corrosive. No taste or odor.
- 100% water soluble.

INDUSTRY LISTING



SW

- AVAILABLE SIZES**
- Gallon (#87715)
 - Quart (#87710)
 - Pint (#87705)



Setting the Global Standard for Research & Development

OUR COMMITMENT TO EXCELLENCE IN EVERY CAN

- ▶ We hold ourselves accountable for creating defect-free products and ensuring **high quality performance** with excellent installation properties.
- ▶ We make customer-centric decisions and manufacture **user friendly products** with reduced fumes and odor for the comfort and well-being of pipe installers.
- ▶ We are **NSF, UPC and/or CSA listed** and are qualified for use in applications such as potable water, turf, irrigation, pool, industrial, conduit, DWV and/or sewer.[†]



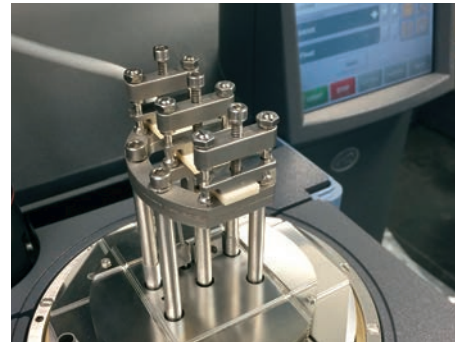
- ▶ Our solvent cements and primers **meet ASTM Standards** used for plastic pipe installation.[†]
- ▶ We're **environmentally responsible**, and our products meet the VOC content requirement per SCAQMD 1168.

[†]Credit can be earned per LEED® (Leadership in Energy and Environmental Design), IEQ Credit 4.1*.

[†]Refer to individual solvent cement and/or primer for specific ASTM Standards, NSF, UPC and/or CSA listings



Our California facility takes pride in limiting volatile organic compound (VOC) emissions into the environment. Two regenerative thermo oxidizers are utilized to eliminate 99% of the VOC from our ventilation system before emitting air to the atmosphere.



Our laboratory is equipped with state-of-the-art equipment to ensure that our formulations and product performance meet the most stringent testing standards.



Advanced automated filling and packaging lines of Weld-On products ensure fast, efficient and accurate completion of product orders.

SCAQMD Rule 1168 Max VOC Content (gram/liter)	
Primer	550
PVC Solvent Cement	425
CPVC Solvent Cement	400
ABS Solvent Cement	325



ECO™ Series: Your Responsible Choice

- ▶ Safer, low fume formula for installers
- ▶ Strongest bond exceeds 1,000 hour hydro-pressure test
- ▶ Meets the most stringent codes and regulations



The ECO Series is formulated differently from other solvent cements on the market. Our proprietary compounds are chemically unique and work to achieve greater bond strength in plastic pipe joints.

Laboratory tests per ASTM D2564 standard specification for PVC plastic piping systems showed that the ECO Series high-strength performance is comparable to top quality solvent cements on the market.

ULTRA LOW VOC

We significantly reduced the VOC content of the ECO Series to less than 414 grams/liter, with some products as low as 361 grams/liter. The ultra low VOC content meets the 2023 SCAQMD Rule 1168 VOC limit.

BREATHE EASIER

An independent, certified industrial hygienist conducted a study of enclosed workplace exposure to different solvent cements. The result showed that the **ECO Series has 30% less solvent emissions** and significantly reduced odorous fumes versus other leading products in the market.

ECO™ PRODUCTS

ECO products are named just like other Weld-On solvent cements for PVC and CPVC piping systems 2" to 12" and has "ECO" behind the name.

- ▶ 700 ECO™
- ▶ 705 ECO™
- ▶ 711 ECO™
- ▶ 717 ECO™
- ▶ 721 ECO™
- ▶ 740 ECO™
- ▶ 744 ECO™
- ▶ 746 ECO™
- ▶ 748 ECO™
- ▶ P-68 ECO™ PRIMER



WELDON.COM



THE WORLD'S MOST TRUSTED BOND



Choosing the most critical materials for the
biggest projects in the world requires trust.

That's why the leading architects, planners, engineers,
contractors and installers around the globe choose Weld-On.

CUSTOMER SERVICE
▶ 800.421.2677

TECHNICAL HOTLINE
▶ 877.477.8327

VISIT
▶ [WELDON.COM](https://www.weldon.com)