

E-ZWELD®

LOW VOC



PRODUCT GUIDE



America's Most Complete Line of Quality Pipe Joining Materials

E-Z WELD[®]

E-Z Weld, Inc. makes a broad range of high-strength PVC, CPVC, DWV, and ABS solvent cements, cleaners, primers ideally formulated for a variety of pipe joining applications. All products are manufactured under tight quality control methods and meet or exceeds industry standards where applicable. The maximum shelf life on unopened E-Z Weld[®] solvent cements is 3 years for PVC, primers & cleaners, and 2 years for CPVC products.

Available in regular, medium and heavy bodied formulas, our expansive line of medium and fast-set cements accommodate all schedules and sizes, exceeds ASTM standards and comply with all necessary NSF and IAPMO (UPC) industry listings. If your application need is turf management or irrigation, plumbing, industrial, pool and spa, electrical or "Do It Yourself", E-Z Weld[®] has a suite of products to serve that need. That's why E-Z Weld[®] boasts "Americas Most Complete Line of Solvent Cements."



America's Most Complete Line of Solvent Cements

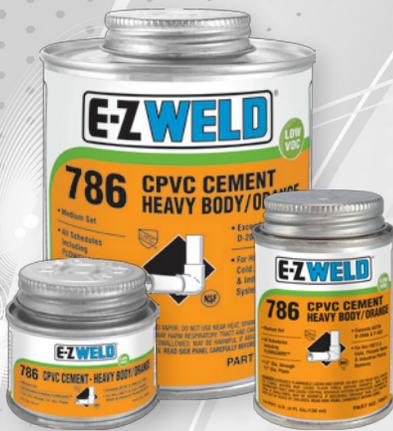
For over 40 Years, E-Z Weld, Inc has been formulating and manufacturing an ever expanding line of quality industrial joining materials and chemicals. E-Z Weld products have been proudly made in our Riveria Beach, FL facility since 1972. Our facility is home to E-Z Weld solvent cements, cleaners and primers.

Our site comprises over 2.5 acres of prime industrial land and contains over 45,000 square feet of manufacturing, warehouse and office space. E-Z Weld supplies product to some of the largest retailers and plumbing wholesalers in the United States, many of whom are recognized household names. Additionally, E-Z Weld exports product to over 20 countries in the thriving Latin America, Caribbean, Middle East and European Markets.

As one of the the largest manufacturers of solvent cements in the United States, E-Z Weld maintains particularly close ties with key suppliers of critical raw materials, ensuring continuous supply during difficult conditions. Our 60,000 gallon capacity, above ground concrete tanks are double walled, and nitrogen blanketed for purity and safety. All incoming raw materials are certified to our exacting standards.

All of E-Z Weld's state-of-the-art filling lines are designed with flexibility in mind, enabling us to rapidly service the smallest of orders up to container loads of quality product.





786 CPVC CEMENT HEAVY BODY/ORANGE

LOW
VOC

- For joining CPVC including FlowGuard® and all Schedules pipes and fittings
- Suitable for use on pipes up to 12" diameter
- NSF and UPC Listed for use on Hot (180°F) and Cold Potable Water
- It can be used for DWV, Sewer pipe installations & industrial piping systems
- Application Temp: 32°F to 110°F • Storage Temp: 40°F to 100°F
- Viscosity: Min 1600 cps @ 73°F • Max VOC per SCAQMD 1168/316A: 490G/L
- 2 Year Shelf Life - Unopened Can

Max Pipe Diameter (Interference Fit)	Set Time	Industry Listing	Performance Standards	Hydrostatic Burst Strength	Lap Shear Strength	Size	Part Number
Up to 12" - Sched. 40 & 80 (Pressure)	Medium	 	ASTM D-2846 ASTM F-493	2 Hours @ 73° 400 PSI	No Specification	1/4 Pint	78601
						1/2 Pint	78602
						Pint	78603
						Quart	78604
						2 oz Can	78608



755 PVC CEMENT HEAVY BODY/GRAY

LOW
VOC

- For joining all Schedules including Schedule 80 pipes and fittings
- Specially formulated for large diameter pipe applications up to 24" diameter
- Approved for Cold Potable Water pressure applications
- Suitable for Gas, Conduit, DWV, Sewer and other non-pressure applications
- Application Temp: 32°F to 110°F • Storage Temp: 40°F to 100°F
- Viscosity: Min 1600 cps @ 73°F • Max VOC per SCAQMD 1168/316A: 510G/L
- 3 Year Shelf Life - Unopened Can

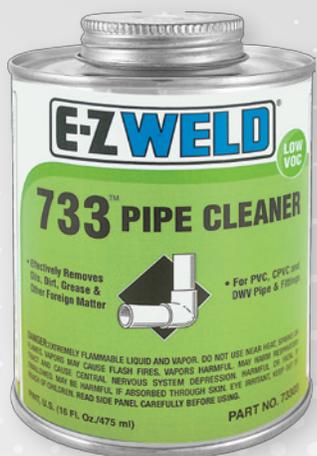
Max Pipe Diameter (Interference Fit)	Set Time	Industry Listing	Performance Standards	Hydrostatic Burst Strength	Lap Shear Strength	Size	Part Number
Up to 24" - Sched. 40 & 80 (Pressure)	Medium	 	ASTM D-2564	2 Hours @ 73° 400 PSI	2 Hours-250 PSI	1/4 Pint	75501
					16 Hours-500 PSI	1/2 Pint	75502
					72 Hours-900 PSI	Pint	75503
						Quart	75504



766 PVC CEMENT REGULAR BODY/CLEAR LOW VOC

- For joining PVC Schedule 40 pipes and fittings
- For applications up to 4" diameter (pressure), 6" diameter (non-pressure)
- Suitable for Gas, Conduit, DWV, Sewer and other non-pressure applications
- Application Temp: 32°F to 110°F • Storage Temp: 40°F to 100°F
- Viscosity: Min 90 cps @ 73°F • Max VOC per SCAQMD 1168/316A: 510G/L
- 3 Year Shelf Life - Unopened Can

Max Pipe Diameter (Interference Fit)	Set Time	Industry Listing	Performance Standards	Hydrostatic Burst Strength	Lap Shear Strength	Size	Part Number
Up to 4" - Sched. 40 (Pressure)	Fast	  PW, DWV, SW	ASTM D-2564	2 Hours @ 73° 400 PSI	2 Hours-250 PSI 16 Hours-500 PSI 72 Hours-900 PSI	1/4 Pint	76601
Up to 6" - Sched. 40 (Non Pressure)						1/2 Pint	76602
						Pint	76603
						Quart	76604



733 PIPE CLEANER LOW VOC

- For all types, schedules and sizes of PVC, CPVC and ABS pipes and fittings
- Effectively removes oil, dirt, grease and other foreign matters
- Cleaning of pipes is highly recommended prior to cementing
- Application Temp: 32°F to 110°F • Storage Temp: 40°F to 100°F
- Max VOC per SCAQMD 1168/316A: 550G/L
- 3 Year Shelf Life - Unopened Can

Max Pipe Diameter (Interference Fit)	Activation Time	Industry Listing	Performance Standards	Size	Part Number
All Schedules All Sizes	Fast Acting			1/4 Pint	73301
				1/2 Pint	73302
				Pint	73303
				Quart	73304



722 PURPLE PRIMER

LOW VOC

- Use of primer is recommended for all schedules & sizes
- Effectively softens of the joining surface of pipe and fittings
- Appropriate for strong and well-fused joints
- Application Temp: 32°F to 110°F • Storage Temp: 40°F to 100°F
- Max VOC per SCAQMD 1168/316A: 550G/L
- 3 Year Shelf Life - Unopened Can

CAUTION: Do not use on ABS or thin-walled PVC pipes & fittings

Max Pipe Diameter (Interference Fit)	Activation Time	Industry Listing	Performance Standards	Size	Part Number
All Schedules All Sizes	Fast Acting	  PW, DWV, SW	ASTM-F656	1/4 Pint 1/2 Pint Pint Quart	72201 72202 72203 72204

E-Z WELD QUALITY ASSURANCE PROGRAM

The lab is where new formulas are created, compliance is recorded, and quality is monitored.

ISO 9000 Based Quality System

- Quality Manual
- Procedure Manual
- Work Instructions

In Process Inspection:

- Random Sample/Retain Samples
- Product Viscosity Test
- Julian Date & Batch Code Verification
- Label Application
- Cap Torque Verification
- Random Shipment Audits
- Inspection Result Documented in the Inspection Log Book



Operator Ownership & Awareness:

- Builds Quality into the Process Using Operator Awareness, Work Instruction & Training

Product Batch Quality:

- GC (Gas Chromatograph) Analysis • Viscosity Test
- Batch Verification & Log Book Documentation

AVERAGE JOINT CURE TIMES FOR PVC/CPVC SOLVENT CEMENTS

RELATIVE HUMIDITY 60% OR LESS	PIPE DIAMETER 1/2" to 1-1/4"		PIPE DIAMETER 1-1/2" to 3"		PIPE DIAMETER 4" to 5"		PIPE DIAMETER 6" to 8"		PIPE DIAMETER 10" to 16"	PIPE DIAMETER 18" +
	UP TO 180 PSI	180 PSI +	UP TO 180 PSI	180 PSI +	UP TO 180 PSI	180 PSI +	UP TO 180 PSI	180 PSI +	UP TO 100 PSI	UP TO 100 PSI
60°-100°F	1 Hour	6 Hours	2 Hours	12 Hours	6 Hours	18 Hours	8 Hours	24 Hours	24 Hours	36 Hours
40°-60°F	2 Hours	12 Hours	4 Hours	24 Hours	12 Hours	36 Hours	12 Hours	48 Hours	48 Hours	72 Hours
20°-40°F	6 Hours	36 Hours	12 Hours	72 Hours	36 Hours	4 Days	3 Days	9 Days	8 Days	12 Days
0°-20°F	8 Hours	48 Hours	16 Hours	96 Hours	48 Hours	8 Days	4 Days	12 Days	10 Days	14 Days

Joint cure time is the time required before pressure testing the system. in damp or humid weather allow 50% additional cure time. Average joint cure times and handling set up times. Figures should only be used as a general guide. Conditions may vary in the field.

AVERAGE HANDLING/SET UP TIMES FOR PVC/CPVC SOLVENT CEMENTS

TEMPERATURE DURING ASSEMBLY	PIPE DIAMETER 1/2" to 1-1/4"	PIPE DIAMETER 1-1/2" to 3"	PIPE DIAMETER 4" to 5"	PIPE DIAMETER 6" to 8"	PIPE DIAMETER 10" to 16"	PIPE DIAMETER 18" +
60°-100°F	2 Minutes	5 Minutes	15 Minutes	30 Minutes	2 Hours	4 Hours
40°-60°F	5 Minutes	10 Minutes	30 Minutes	90 Minutes	8 Hours	16 Hours
20°-40°F	8 Minutes	12 Minutes	60 Minutes	3 Hours	12 Hours	24 Hours
0°-20°F	10 Minutes	15 Minutes	2 Hours	6 Hours	24 Hours	48 Hours

These figures should only be used as a guide. Conditions in the field may vary. Handling/Set up time is the time required prior to handling the joint.

AVERAGE NUMBER OF JOINTS PER QUART (1Kg)

PIPE DIAMETERS	1/2" 20mm	3/4" 25mm	1" 32mm	1-1/2" 50mm	2" 63mm	3" 90mm	4" 110mm	6" 160mm	8" 200mm	10" 250mm	12" 315mm	14" 380mm	18" 450mm
NUMBER OF JOINTS	350	300	200	120	80	50	40	20	6	3	2	1	1/2

PIPE SIZE EQUIVALENT CHART - INCHES/MILLIMETERS

In.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
mm.	20	25	32	40	50	63	75	90	110	127	160	200	250	315	355	406	450

MISSION STATEMENT:

To offer consistent products with uncompromising quality through continuous improvement and innovation. To exceed our customers expectations with personalized service. To provide a clean and safe work environment while ensuring respect for and empowerment of our employees. To always conduct business ethically, responsibly and honestly.



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