

































	PVC SOLVENT CEMENTS	MAX PIPE SIZE (INTERFERENCE FIT)	SET TIME	AVAILABLE COLOR	INDUSTRY LISTING	MEETS FOLLOWING PERFORMANCE SPECIFICATION
HEAVY BODIED	 711™ PVC INDUSTRIAL GRADE <ul style="list-style-type: none"> High-strength formula for industrial piping systems. Good gap filling properties Medium set allows for more working time in warm weather. 	<ul style="list-style-type: none"> 12" (315 mm) PVC all classes & schedules 	Medium	GRAY	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2
	 717™ PVC* <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 12" (315 mm) PVC all classes & schedules 	Medium	CLEAR and GRAY	 PW-G/DWV/SW (Gray Only)	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2
EXTRA HEAVY BODIED	 719™ PVC INDUSTRIAL GRADE <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 30" (800 mm) PVC, all classes & schedules 	Slow	WHITE and GRAY	 PW-G/DWV/SW (Gray Only)	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2
MEDIUM BODIED	 705™ PVC INDUSTRIAL GRADE <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 6" (160 mm) PVC 4" (110 mm) Schedule 80 PVC – PN 10 & 16 	Fast	CLEAR and GRAY	 PW-G/DWV/SW (Gray Only)	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2
PVC SPECIALTY SOLVENT CEMENTS						
MEDIUM BODIED	 725™ WET 'R DRY™* <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 6" (160 mm) PVC 4" (110 mm) Schedule 80 PVC – PN 10 & 16 	Extremely Fast	AQUA BLUE	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61 CSA B137.3 CSA B181.2
	 727™ HOT 'R COLD™* <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 6" (160 mm) PVC 4" (110 mm) Schedule 80 PVC – PN 10 & 16 	Very Fast	CLEAR	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61
	 735™ WET 'N FAST™* <ul style="list-style-type: none"> Plumbing quality cement for wet conditions and/or quick pressurization. Can be used without primer on non-pressure systems if local codes permit. 	<ul style="list-style-type: none"> 6" (160 mm) PVC 4" (110 mm) Schedule 80 PVC – PN 10 & 16 	Extremely Fast	BLUE	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61
HEAVY BODIED	 738™ HOT 'N FAST™* <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 6" (160 mm) PVC 4" (110 mm) Schedule 80 PVC – PN 10 & 16 	Very Fast	BLUE to CLEAR	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61

NOTE: * Special Order Only



SOLVENT CEMENT AND PRIMER



PVC SPECIALTY SOLVENT CEMENTS		MAX PIPE SIZE (INTERFERENCE FIT)	SET TIME	AVAILABLE COLOR	INDUSTRY LISTING	MEETS FOLLOWING PERFORMANCE SPECIFICATION		
HEAVY BODIED	 795™ PVC* <ul style="list-style-type: none"> Premium cement specially formulated for use on flexible and/or rigid PVC. Forms flexible high-strength joints. 	<ul style="list-style-type: none"> 6" (160mm) PVC 3" (90 mm) Schedule 80 PVC - PN 10 & 16 	Fast	CLEAR and BLUE	 PW-G/DWV/SW	ASTM D 2564 NSF/ANSI 14 NSF/ANSI 61		
	CPVC SOLVENT CEMENTS							
HEAVY BODIED	 714™ CPVC <ul style="list-style-type: none"> Industrial quality for non-chemical applications up to 180°F (82°C). Approved for use on Corzan® CPVC piping systems. 	<ul style="list-style-type: none"> 12" (315 mm) CPVC, all classes & schedules 	Medium	GRAY and ORANGE	 PW-G/DWV/SW <small>(Orange Only)</small>	ASTM D 2846 ASTM F 493 NSF/ANSI 14 NSF/ANSI 61 CSA B137.6		
	 724™ CPVC INDUSTRIAL GRADE <ul style="list-style-type: none"> Premium, high-strength, chemical-resistant solvent cement for use with CPVC and PVC piping systems carrying acids, bases, salts, and hypochlorites. Approved for use on Corzan® CPVC piping systems. 	<ul style="list-style-type: none"> 12" (315 mm) CPVC, all classes & schedules 	Medium	GRAY and ORANGE	 PW-G/DWV/SW	ASTM F 493 NSF/ANSI 14 NSF/ANSI 61		
EXTRA HEAVY BODIED	 729™ CPVC* INDUSTRIAL GRADE <ul style="list-style-type: none"> Extra heavy body industrial quality cement for applications requiring high gap filling properties. Ideal for fabrication of large sized fittings. May be used for chemical applications. 	<ul style="list-style-type: none"> 24" (600 mm) CPVC, all classes & schedules 	Slow	GRAY	-	ASTM F 493		
PRIMERS AND CLEANERS								
	 P-70™ PRIMER INDUSTRIAL GRADE <ul style="list-style-type: none"> Premium industrial strength primer essential for proper softening and preparation of PVC and CPVC pipe and fitting surfaces. Specially recommended for use on Schedule 80 (PN 10 and higher) and large size pipe. Excellent for cold weather applications. 			CLEAR and PURPLE	 PW-G/DWV/SW <small>(Purple Only)</small>	ASTM F 656 NSF/ANSI 14 NSF/ANSI 61		
	 P-75™ PRIMER* <ul style="list-style-type: none"> 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. 			AQUA BLUE	 PW-G/DWV/SW	ASTM F 656 NSF/ANSI 14 NSF/ANSI 61		
	 C-65™ CLEANER <ul style="list-style-type: none"> For removal of oil and grease from the surfaces of PVC, CPVC, ABS and STYRENE pipe and fittings for bonding. Recommended for use before priming of pipe and fittings. 			CLEAR	-	-		
REPAIR AND FABRICATION ADHESIVES**				APPLICABLE FOR USE WITH	VIS-COSITY	SET TIME	COLOR	SHELF LIFE
	 810™ <ul style="list-style-type: none"> Thick syrupy, two-component, high strength reactive adhesive. Product can withstand very high pressures and is high impact resistant. Great for repairing cracks or leaky pipe valves and fittings. Excellent gap-filling properties. Ideal for fabricating fittings and joining saddles to pipe. Good for bonding large diameter PVC and CPVC pipe and fittings. 	<ul style="list-style-type: none"> Non-anodized aluminum Other metals Concrete 	<ul style="list-style-type: none"> PVC CPVC ABS Acrylic Clay Styrene FRP 	40,000 cps	1 year	WHITE	1 year	
	 845™* <ul style="list-style-type: none"> Thick syrupy, two-component, high strength reactive adhesive. Same formula as 810, but different packaging format. Product can withstand very high pressures and is high impact resistant. Great for repairing cracks or leaky pipe valves and fittings. Excellent gap-filling properties. Ideal for fabricating fittings and joining saddles to pipe. Good for bonding large diameter PVC and CPVC pipe and fittings. Conveniently packaged in a dual cylinder cartridge for easy dispensing and application to the bonding surfaces. 	<ul style="list-style-type: none"> Non-anodized aluminum Other metals Concrete 	<ul style="list-style-type: none"> PVC CPVC ABS Acrylic Clay Styrene FRP 	40,000 cps	1 year	WHITE	1 year	

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 SOLVENT CEMENTS AND PRIMERS ACCESSORIES

ROLL-A-WELD ROLLERS AND SWABS

APPLICATORS	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.	5020 4" swab 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 1/2 pint, pint, and quart cans. Available in 1/2", 3/4" and 1 1/4" dauber sizes.	Cap daubers DH Daubers fit 1/4 pint & 1/2 pint cans; DP daubers fit 1/2 pint & pint cans; DQ daubers fit quart cans. Available in 3/8", 1/2", 3/4", and 1 1/2" 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

ACCESSORIES	CST-36 Cable Saw 36" cable saw with T-Handle for cutting plastic pipe through 8" diameters.	Empty Metal Cans (dauber not included) Available Sizes: MT-648 Gallon can with 2 7/8" neck MT-651 Quart can with 1 3/4" neck MT-653 Quart can with triple tight neck (paint style) MT-654 Pint can with 1 3/4" neck
	Can-Tote Cement & Primer Carrier For carrying quart and pint cans.	Can-Mate Carrier Kit Kit includes plastic carrier arm and two Can-Mate® CM-150 adjustable shaft 1 1/4" diameter daubers. Job site convenience for carrying 1/2 pint, pint or quart cans of cement and primer.
	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 1/2" through 2" IPS.	Pipe and Fitting Pullers For installation of large diameter plastic pipe and fittings (PVC, CPVC, ABS). Available for pipe and fittings sizes 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 1/2" CTS - 3" IPS.	

RELATIVE HUMIDITY 60% OR LESS	CURE TIME PIPE SIZES 1/2" TO 1 1/4"	CURE TIME PIPE SIZES 1 1/2" TO 2"	CURE TIME PIPE SIZES 2 1/2" 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 (11 Bar)	160 to 370 psi (11-26 Bar)	up to 160 psi (11 Bar)	160 to 315 psi (11-22 Bar)	up to 160 psi (11 Bar)	160 to 315 psi (11-22 Bar)	up to 100 psi (7 Bar)	up to 100 psi (7 Bar)
60°-100°F	15 min.	6 hrs.	30 min.	12 hrs.	1 1/2 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 hr.	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.

TEMPERATURE RANGE	1/2" TO 1 1/4" (20-40MM)	1 1/2" TO 2" (50-63MM)	2 1/2" TO 8" (75-200MM)	10" TO 15" (250-380MM)	15"+ (380MM+)
60°-100°F	2 min.	5 min.	30 min.	2 hrs.	4 hrs.
40°-60°F	5 min.	10 min.	2 hrs.	8 hrs.	16 hrs.
0°-40°F	10 min.	15 min.	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.

PIPE DIAMETER	AVERAGE NUMBER OF JOINTS/QUART (1KG) OF WELD-ON® CEMENT*										PRODUCT SHELF LIFE				
	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	15"	18"	WELD-ON PRODUCT	SHELF-LIFE
NUMBER OF JOINTS	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4	1/2	Primers/Cleaners	3 years
														PVC Solvent Cement	3 years
														CPVC Solvent Cement	2 years
														ABS Solvent Cement	3 years

For Primer: Double the number of joints shown for cement. Note: 1 Joint = 1 Socket
*These figures are estimates based on our laboratory tests. These figures should be used as a general guide only.