

WELD-ON NUMBER	COMMENTS	COLOR	MAXIMUM RECOMMENDED PIPE SIZE	RELATIVE DRYING TIME	ASTM DESIGNATION
PVC SOLVENT CEMENTS					
700	Regular bodied for pipe joints with interference fits only. Not for Schedule 80.	Clear	3"	Fast	D-2564
705 / 2705	Medium bodied for pipe joints with interference fits only. Not for Schedule 80.	Clear	6"	Fast	D-2564
711 / 2711	Heavy bodied for all classes and schedules including Schedule 80.	Gray	12"	Fast	D-2564
714 / 2714	Heavy bodied, medium setting, orange or gray CPVC cement for all classes and schedules thru 12".	Orange / Gray	12"	Medium	D-2564
719 / 2719	Extra heavy bodied for all classes and schedules including Schedule 80 through 30".	White	30"	Slow	D-2564
721 / 2721	Medium bodied for pipe joints with interference fits only. Not for Schedule 80.	Blue	6"	Very Fast	D-2564
717 / 2717	Heavy bodied for all classes and schedules including Schedule 80. Preferred in very humid weather.	Gray	12"	Medium	D-2564
725 / 2725	WET'R DRY - Cement is an extremely fast, aqua blue cement, all classes and schedules (except Schedule 80), interference fits only.	Aqua Blue	3"	Very Fast	D-2564
727	HOT'R COLD - Cement is a very fast, clear cement, all classes and schedules interference fits only.	Clear	6"	Very Fast	D-2564
795 / 2795	Medium bodied for flexible and rigid pipe for joints with interference fits only.	Clear	6"	Fast	N/A
CHRISTY'S Red Hot Blue / Low VOC	Medium bodied for all PVC schedules and classes through 6". Schedule 80 through 4".	Blue	6"	Very Fast	N/A
MULTI-PURPOSE CEMENT					
794 / 2794	Medium bodied for flexible and rigid pipe transition joints	Green	6"	Fast	D-3138
STYRENE RUBBER SOLVENT CEMENTS - LOW VOC					
2763	Medium bodied cement for all styrene applications.	Milky	6"	Fast	D-3122
PRIMER					
P-68	Primer for all PVC and CPVC pipe and fittings prior to cement application.	Purple or Clear	All	Fast	D-656
P-70	Aggressive primer for all PVC and CPVC except copper tube size CPVC. Excellent for cold weather applications.	Purple or Clear	All	Fast	F-656
SPECIALTY PRODUCTS					
787	Vegetable soap base lubricant for gasketed connections. Non-toxic.	Pale Yellow	All	Non-Drying	N/A

700 Clear PVC Cement



Regular bodied, fast setting, PVC cement for all classes and schedules of pipe and fittings with interference fit, Schedule 80 through 4" diameter. This product may also be used on PVC foam core pipe.

Regional availability.

705 Clear PVC Cement



Medium bodied, fast setting PVC cement for all classes and schedules through 6" diameter interference fit, Schedule 80 through 4" diameter. This product may also be used on PVC foam core Pipe. No primer needed unless required by local code.

711 Gray PVC Cement



Heavy bodied, medium setting PVC cement for all classes and schedules including Schedule 80 through 12" diameter. It has good gap filling properties and its medium set allows more working time in warm weather.

Regional availability.

ITEM	DESCRIPTION
08000003	PT 700 CLEAR PVC CEMENT
08000005	QT 700 CLEAR PVC CEMENT
08000006	GAL 700 CLEAR PVC CEMENT

ITEM	DESCRIPTION
08000010	1/4 PT 705 CLEAR PVC CEMENT W/BE
08000020	1/2 PT 705 CLEAR PVC CEMENT W/BE
08000030	PT 705 CLEAR PVC CEMENT W/BRUSH
08000050	QT 705 CLEAR PVC CEMENT
08000060	GAL 705 CLEAR PVC CEMENT

ITEM	DESCRIPTION
08000092	1/2 PT 711 PVC CEMENT W/BRUSH
08000094	PT 711 PVC CEMENT W/BRUSH
08000096	QT 711 PVC CEMENT W/O BRUSH
08000098	GAL 711 PVC CEMENT W/O BRUSH



IRRIGATION



737 Turf'N Ag PVC Cement

ITEM	DESCRIPTION
08000124	PT 737 TURF'N AG PVC CEMENT
08000126	QT 737 TURF'N AG PVC CEMENT
08000128	GAL 737 TURF'N AG PVC CEMENT

GOLF



721 Blue PVC Cement

Medium bodied, fast setting PVC cement for all classes and schedules through 6" diameter interference fit, Schedule 80 through 4" diameter. This product may also be used

on PVC foam core Pipe. No primer needed unless required by local code.

ITEM	DESCRIPTION
08000142	1/2 PT 721 BLUE PVC CEMENT W/B
08000144	PT 721 BLUE PVC CEMENT W/BRUSH
08000146	QT 721 BLU PVC CEMENT W/O BRSH
08000148	GAL 721 BLU PVC CEMNT W/O BRUSH

INDUSTRIAL



717 Grey PVC Cement

ITEM	DESCRIPTION
08000156	QT 717 GRAY PVC CEMENT W/O BRU
08000158	GAL 717 GRAY PVC CEMENT W/O BR



725 Wet'R Dry PVC Cement

ITEM	DESCRIPTION
08000162	1/2 PT 725 WET'R DRY PVC CMNT
08000164	PT 725 WET'R DRY PVC CMNT W/BR
08000166	QT 725 WET'R DRY PVC CMNT W/BR
08000168	GAL 725 WET'R DRY PVC CMNTWO/B



727 Hot 'R Cold PVC Cement

ITEM	DESCRIPTION
08000174	PT 727 HOT 'R COLD PVC CEMENT
08000176	QT 727 HOT 'R COLD PVC CEMENT
08000178	GAL 727 HOT 'R COLD PVC CEMENT



714 Orange CPVC Cement

ITEM	DESCRIPTION
08000182	PT 714 GRAY CPVC CEMENT W/BRUS
08000184	QT 714 GRAY CPVC CEMENT W/BRUS



795 Clear Flex/Rigid

ITEM	DESCRIPTION
08000192	1/2 PT 795 FLEX-RIGID PVC CLR
08000195	PT 795 FLEX TO RIGID PVC CLEAR
08000198	GAL 795 PVC CEMENT W/O BRUSH



C-65 Pipe Cleaner

Regional Availability

ITEM	DESCRIPTION
08000201	PT C-65 PIPE CLEANER
08000202	QT C-65 PIPE CLEANER
08000203	GAL C-65 PIPE CLEANER



P-68 Primer

Regional Availability

ITEM	DESCRIPTION
08000204	PT CLEAR P-68 PRIMER
08000205	QT CLEAR P-68 PRIMER
08000206	GAL CLEAR P-68PRIMER
08000207	PT P-68 PURPLE PRIMER
08000208	QT P-68 PURPLE PRIMER
08000209	GAL P-68 PURPLE PRIMER



P-70 Primer

ITEM	DESCRIPTION
08000217	PT CLEAR P-70 PRIMER
08000218	QT CLEAR P-70 PRIMER
08000219	GAL CLEAR P-70 PRIMER
08000226	1/2 PT P-70 PURPLE PRIMER
08000227	PT P-70 PURPLE PRIMER
08000228	QT P-70 PURPLE PRIMER
08000229	GAL P-70 PURPLE PRIMER



Accessories

ITEM	DESCRIPTION
08000230	DP-75 3/4 IN DAUBER
08000250	DP-150 1-1/2 IN DAUBER
08000256	DQ-150 1-1/2 IN DAUBER
08000260	BCP-1/PB-1 1 IN BRUSH CAP
08000270	MT-654 EMPTY PINT CAN FOR BCP1
08000275	MT-651 EMPTY QT CAN FOR BCP1
08000280	3020 3 IN ROLLER APPLICATOR
08000290	MT-653 EMPTY QT CAN FOR 3020
08000300	7020 7-IN ROLLER APPLICATOR
08000310	4020 4 IN COTTON SWAB DAUBER
08000320	MT-648 GALLN CAN FOR 7020/4020
08000340	IPS HAND CLEANER WIPES
08000610	CM 75 CAN-MATE APPLICATOR
08000620	CM 150 CAN-MATE APPLICATOR
08000650	CAN-TOTE CEMENT CAN CARRIER
08000840	GM-1 GLEMATE DUAL CONTAINER

IPS Gasket Lube

ITEM	DESCRIPTION
08000410	PT R5175 GASKET SEAL LUBE
08000420	QT R5176 GASKET SEAL LUBE
08800430	GAL GASKET SEAL LUBE

Christy's Red Hot Blue Glue

ITEM	DESCRIPTION
08001040	PT CHRISTY RED HOT BLUE GLUE
08001050	QT CHRISTY RED HOT BLUE GLUE
08001060	GAL CHRISTY RED HOT BLUE GLUE

LOW VOC (Volatile Organic Compounds)

These solvent cements and primers meet the requirements of local air quality management district (AQMD) mandates. Low VOC products reduce emissions into the atmosphere and thereby contribute to cleaner air.

- Environmentally compliant (surpasses requirements of SCAQMD Rule 1168/316A)
- More user friendly (reduced odor and worker inhalation)

2705 Clear Low VOC Cement

ITEM	DESCRIPTION
08100020	1/2 PT 2705 CLR LOW VOC CEMENT
08100030	PT 2705 CLR LOW VOC CEMENT
08100050	QT 2705 CLR LOW VOC CEMENT
08100060	GAL 2705 CLR LOW VOC CEMENT

2711 Gray Low VOC Cement

ITEM	DESCRIPTION
08100092	1/2 PT 2711 GRY LOW VOC CEMENT
08100094	PT 2711 GRAY LOW VOC CEMENT
08100096	QT 2711 GRAY LOW VOC CEMENT
08100098	GAL 2711 GRAY LOW VOC CEMENT

2719 White Low VOC Cement

ITEM	DESCRIPTION
08100116	QT 2719 WHITE LOW VOC CEMENT
08100118	GAL 2719 WHITE LOW VOC CEMENT

2721 Blue Low VOC Cement

ITEM	DESCRIPTION
08100142	1/2 PT 2721 BLU LOW VOC CEMENT
08100144	PT 2721 BLUE LOW VOC CEMENT
08100146	QT 2721 BLUE LOW VOC CEMENT
08100148	GAL 2721 BLUE LOW VOC CEMENT

2725 Wet'R Dry Low VOC Cement

ITEM	DESCRIPTION
08100162	1/2 PT 2725 WET'R DRY LOW VOC
08100164	PT 2725 WET'R DRY LOW VOC CMNT
08100166	QT 2725 WET'R DRY LOW VOC CMNT
08100168	GAL 2725 WET'R DRY LOW VOC CMN



2773 Black ABS Low VOC Cement

ITEM	DESCRIPTION
08100174	PT 2773 BLK LOW VOC ABS CEMENT
08100176	QT 2773 BLK LOW VOC ABS CEMENT

2794 ABS/PVC Low VOC Cement

ITEM	DESCRIPTION
08100180	PT 2794 LOW VOC ABS/ PVC CEMENT



2714 Orange CPVC Low VOC Cement

ITEM	DESCRIPTION
08000182	PT 2714 GRAY LOW VOC CPVC CMNT
08000184	QT 714 GRAY LOW VOC CPVC CMNT
08100186	PT 2714 ORG LOW VOC CPVC CMNT
08100188	QT 2714 ORG LOW VOC CPVC CMNT



2795 Flex/Rigid Low VOC Cement

ITEM	DESCRIPTION
08100192	1/2 PT 2795 LOW VOC FLEX-RIGID
08100194	PT 2795 LOW VOC FLEX-RIGID PVC
08100198	GAL 2795 LOW VOC FLEX-RIGID



2763 Styrene Low VOC Cement

ITEM	DESCRIPTION
08100200	PT 2763 LOW VOC STYRENE CEMENT
08100202	QT 2763 LOW VOC STYRENE CEMENT



Christy's Red Hot Low VOC Blue Glue

ITEM	DESCRIPTION
08101040	PT RED HOT LOW VOC BLUE GLUE
08101050	QT RED HOT LOW VOC BLUE GLUE
08101060	GAL RED HOT LOW VOC BLUE GLUE

AVERAGE NUMBER OF JOINTS/QT OF WELD-ON CEMENTS # 705/721, 711, 717, 725

Pipe Diameter	1/2"	3/4"	1	1-1/2"	3	4	5	6	8	10	12	15
No. of Joints	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4

Basic Principles of Solvent Cementing Plastic Pipe & Fittings

The solvent cemented connection in thermoplastic pipe and fittings is the last vital link in a plastic pipe installation. It can mean the success or failure of the system as a whole. Accordingly, it requires the same professional care and attention that are given to other components of the system.

To consistently make good joints, the following should be clearly understood:

- 1. The joining surfaces must be softened and made semi-fluid.**
Penetration and softening can be achieved by the cement itself, by a suitable primer, or by the use of both primer and cement. For certain materials and in certain situations, it is desirable to use a primer.
- 2. Sufficient cement must be applied to fill the gap between pipe and fittings.** More than sufficient cement to fill the loose part of the joint must be applied. Besides filling the gap, adequate cement layers will penetrate the surfaces and also remain wet until the joint is assembled.
- 3. Assembly of pipe and fittings must be made while the surfaces are still wet and fluid.** If the cement coatings on the pipe & fittings are wet and fluid when assembly takes place, they will tend to flow together and become one cement layer.
- 4. Joint strength develops as the cement dries.** In the tight part of the joint the surfaces will tend to fuse together, in the loose part the cement will bond to both surfaces. As the solvent dissipates, the cement layer and the softened surfaces will harden with a corresponding increase in joint strength. A good joint will take the required working pressure long before the joint is fully dry and final strength is obtained.