

# PRODUCT CATALOGUE

**PVC, UPVC & CPVC Solvent Cements, Ball Valve, PTFE Seal Tape, Rubber Lubricant and many more...**



Manufacturer:

**KG Plastrochem (I) Pvt. Ltd.**

An ISO 9001: 2015 Certified Co.



Welcome to Plastochem

# We Provide Best Industrial PVC /uPVC/CPVC Solvent Cements Primer, Cleaner, Ball Valve, PTFE Seal Tape Rubber Lubricants & Silicone Sealant etc.

Plastochem is a manufacturer and supplier of the best quality solvent cements, primer, cleaner, rubber lubricants, PTFE seal tape and Cyanoacrylate adhesive for PVC, UPVC, CPVC and ABS piping system. Our products are used for potable water, irrigation, conduit, sewer, drain, waste and vent system in agriculture, residential, commercial and industrial plumbing applications.

We are offering quality products for more than forty years. With constant experimentation, we have made significant improvements and thus lived up to our principle, "Perfection Since Inception" at every single step of our services.

We use the finest quality of inputs and employ the best combination of chemicals and have been successful in delivering excellent products since 1984. Plastochem has always been a name of trust among users and we strive to strengthen the same further.

We have a wide range of products for the customers' domestic and industrial needs. We specialize in manufacturing products that include:

- ☑ PVC solvent cement
- ☑ UPVC solvent cement
- ☑ CPVC solvent cement
- ☑ Pool & Spa Solvent Cement
- ☑ Rubber Lubricant
- ☑ Cleaner/ Primer
- ☑ Rubber Adhesives
- ☑ Cyanoacrylate Adhesives
- ☑ PTFE Seal Tape
- ☑ Ball Valve
- ☑ ABS Solvent Cement

We make quality products that satisfy consumer needs.



## vision

To be a market leader and provider of the finest adhesive products locally and globally by creating utility through customer satisfaction, innovation, and continuous improvements while being rooted in our core values.

## Plastochem® PV-85® PVC Solvent Cement

Regular & Medium Bodied | Colour ☐ Clear | Low VOC

Fast Setting PVC Solvent Cement designed for all classes and Schedules of PVC, DWV, Conduit Pipe & Fitting Up to 16" (400mm) for all pressure system and for bonding PVC sheets in doors with high strength and provides sufficient time to bond.

Meets ASTM D-2564 Standard

### Available in Packaging

Tube	20ml, 50ml, 100ml
Tin Container	50ml, 100ml, 200ml, 500ml, 1000ml

**Shelf Life:** 3 years from date of manufacturing in a sealed pack.



## Plastochem® UPVC Solvent Cement

Medium Bodied | Colour ☒ Blue ☐ Clear | Low VOC

Uniquely formulated Solvent Cement designed for all classes and Schedules of UPVC, DWV, PVC Foam Core Pipe & Fitting with interference fit through 8" (200mm) Diameter for both SCH-40 & SCH-80 standards with high strength.

Meets ASTM D-2564 Standard

### Available in Packaging

Tube	10ml, 20ml
Tin Container	59ml, 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



## Plastochem® CPVC Solvent Cement

Medium Bodied | Colour ☒ Yellow | Low VOC

One step Cement designed for all grades and types of Copper Tube Size (CTS) CPVC Pipes & Fittings for hot and cold potable water upto 82°(180°F) with interference fit through 6" (150mm) diameter for SDR-11 & SDR-13.5 and SCH-40 & SCH-80.

Meets ASTM F-493 Standard

### Available in Packaging

Tube	10ml, 20ml
Tin Container	59ml, 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.





## Plastochem® PTFE Seal Tape

Colour ☐ White | Insulation of high and low temperature

Fills irregular voids between threads & helps to seals the joint without hardening or making it more difficult to tighten. Used in pressurizing the screws of oil, water and air conduits. White, Quiet versatile, Excellent acid resistant, Alkali resistant, Superior grade, Strong Grip, Water resistant. Customized length, width & thickness.

### Available in Packaging

12mm

5 mtr, 10 mtr, 20 mtr



## Plastochem® Rubber Lubricant

Colour ☐ Milky White

Uniquely formulated multipurpose lubricant suitable for quick and easy water leakage tight joint of PVC Ring-fit, SWR Ring-fit, Underground Sewerage Pipes for low to non-pressure applications. Non-Flammable, Non-Corrosive, Non-Toxic, Non-Greasy, Bacteria free and does not contain Natural or Synthetic rubber.

### Available in Packaging

Plastic Jar

100gm, 250gm, 500gm, 1000gm

**Shelf Life:** 1 years from date of manufacturing in a sealed pack.



## PlastoBond® - Cyanoacrylate Adhesive

Colour ☐ Clear

Special Epoxy Cyanoacrylate super glue instant adhesive designed for various general purpose like wood, rubber, cardboard, metal, ceramics and plastics in residential and industrial areas. Transparent, Instant Adhesive, High Strength, Low Viscous, Excellent gap filling properties.

### Available in Packaging

Tube

10gm, 20gm, 50gm



## AquaWeld® Ball Valve

For uPVC & CPVC Pipe & Fitting Systems

Lead free UPVC Ball Valves for water distribution and CPVC ball valves for hot and cold potable water distribution in residential, commercial and industrial projects.

Meets ASTM D-2846 Standard for UPVC

Meets ASTM D-2467 Standard for CPVC

### Available in Packaging

CPVC

½" to 2"

UPVC

½" to 2"



## HammerWeld® PVC Solvent Cement

Regular & Medium Bodied | Colour ☐ Clear | Low VOC

Advance solvent cement designed for all grades and classes of PVC, DWV, Conduit Pipe & Fitting Up to 16" (400mm) for all pressure systems and for bonding PVC sheets in doors with high strength.

Meets ASTM D-2564 Standard

Available in Packaging

Tube	20ml, 50ml
Tin Container	50ml, 100ml, 200ml, 500ml, 1000ml

**Shelf Life:** 3 years from date of manufacturing in a sealed pack.



## HammerWeld® UPVC Solvent Cement

Medium Bodied | Colour ☒ Blue ☐ Clear | Low VOC

Uniquely formulated Solvent Cement designed for all classes and Schedules of UPVC, DWV, PVC Foam Core Pipe & Fitting with interference fit through 8" (200mm) Diameter for both SCH-40 & SCH-80 standards.

Meets ASTM D-2564 Standard

Available in Packaging

Tube	10ml, 20ml
Tin Container	59ml, 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



## HammerWeld® CPVC Solvent Cement

Medium Bodied | Colour ☒ Yellow | Low VOC

One step Cement designed for all grades and types of Copper Tube Size (CTS) PVC Pipes & Fittings for hot and cold potable water upto 82°(180°F) with interference fit through 6" (150mm) diameter for SDR-11 & SDR-13.5 and SCH-40 & SCH-80 with high strength.

Meets ASTM F-493 Standard

Available in Packaging

Tube	10ml, 20ml
Tin Container	59ml, 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



# HammerWeld®

## HammerWeld® ABS Solvent Cement

Medium Bodied | Colour  Black | Low VOC

ABS Solvent Cement designed for all classes and schedules of ABS plumbing application, Drainage, vents, sewerage, conduit and foam core piping system with interference fit through 8" (200 mm) diameter.

Meets ASTM D-2235 Standard

Available in Packaging

Tin Container 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



## HammerWeld® P-24 Primer

Regular Bodied | Colour  Purple ☐ Clear | Low VOC

Purple Tinted water thin fluid for PVC, CPVC, UPVC, ASTM & DWV Pipes & fittings up to 24" (600mm) diameter. Primer prepares, penetrates and softens the joining surface more rapidly than cement alone and enhances the bond strength. Advisable for pipe size above 2" (50mm) in all piping system.

Meets ASTM F-656 Standard

Available in Packaging

Tin Container 237ml, 473ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



## HammerWeld® C-10 Cleaner

Medium Bodied | Colour ☐ Clear | Low VOC

Clear, freely flowing cleaner for PVC, CPVC, UPVC, ASTM & DWV Pipes & fittings up to 24" (600mm) diameter. Used to remove lubricant and dirt from the pipe & fitting surface and prepare the surface for bonding. Strongly advisable for PVC, UPVC and CPVC Piping system above 2" (50mm) size.

Meets ASTM F-656 Standard

Available in Packaging

Tin Container 237ml, 473ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



## HammerWeld® Pool & Spa Solvent Cement

Regular & Medium Bodied | Colour  Blue | Low VOC

High Pressure Solvent Cement designed for all classes and Schedules UPVC Pipe & Fittings, water treatment, fountain, pool & Spa including PVC Foam Core Pipe with interference fit through 8" (200mm) Diameter for both SCH-40 & SCH-80 standards.

Meets ASTM D-2564 Standard

Available in Packaging

Tin Container 118ml, 237ml, 473ml, 946ml

**Shelf Life:** 2 years from date of manufacturing in a sealed pack.



# Plastochem® Upcoming Products

## Silicone Sealent

Colour ☐ Clear | General Purpose



## Synthetic Rubber Adhesive

Colour ☒ Brown | Benzene free



## SR Heat Resistance Adhesive

Colour ☒ Brown | Benzene free



## PRODUCT APPLICATION GUIDE

### Plastochem/HammerWeld average set schedule for uPVC/CPVC Solvent Cements

Temperature Range	Pipe Sizes ½" to 1¼" 20mm to 40mm	Pipe Sizes 1½" to 2" 50mm to 63mm	Pipe Sizes 2½" to 8" 75mm to 200mm	Pipe Sizes 10" to 15" 250mm to 380mm	Pipe Sizes 15"+ 380mm+
60°-100°F/16°-38°C	2 minutes	5 minutes	30 minutes	2 hours	4 hours
40° - 60°F/5°-16°C	5 minutes	10 minutes	2 hours	8 hours	16 hours
0° - 40°F/18°-5°C	10 minutes	15 minutes	12 hours	24 hours	48 hours

Note - 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.

### Plastochem/HammerWeld average joint cure schedule for uPVC/CPVC Solvent Cements

Temperature Range	Pipe Sizes ½" to 1¼" 20mm to 40mm		Pipe Sizes 1½" to 2" 50mm to 63mm		Pipe Sizes 2½" to 8" 75mm to 200mm		Pipe Sizes 10" to 15" 250mm to 380mm	Pipe Sizes 15"+ 380mm+
Temperature range during assembly and cure periods	Up to 160 psi or 11 Bar	Up to 160 to 370 psi or 11 to 26 Bar	Up to 160 psi or 11 Bar	Up to 160 to 370 psi or 11 to 26 Bar	Up to 160 psi or 11 Bar	Up to 160 to 370 psi or 11 to 26 Bar	Up to 100 psi or 7 Bar	Up to 100 psi or 7 Bar
60° - 100°F/16°-38°C	15 min	6 hrs	30 min	12 hrs	1½ hrs	24 hrs	2 Days	3 Days
40° - 60°F/5°-16°C	20 min	12 hrs	45 min	24 hrs	4 hrs	48 hrs	4 Days	6 days
0° - 40°F/18°-5°C	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 set time.

### Plastochem/HammerWeld average number of joints/quart (1 Ltr.)

Pipe Diameters	½" 20mm	¾" 25mm	1" 32mm	1½" 50mm	2" 30mm	3" 90mm	4" 110mm	6" 160mm	8" 200mm	10" 250mm	12" 315mm	15" 380mm	18" 450mm
Number of Joints	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 our laboratory tests. Due to the many variables in the field, these figures should be used as a general guide only. Note 1 Joint = 1 Socket

### 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

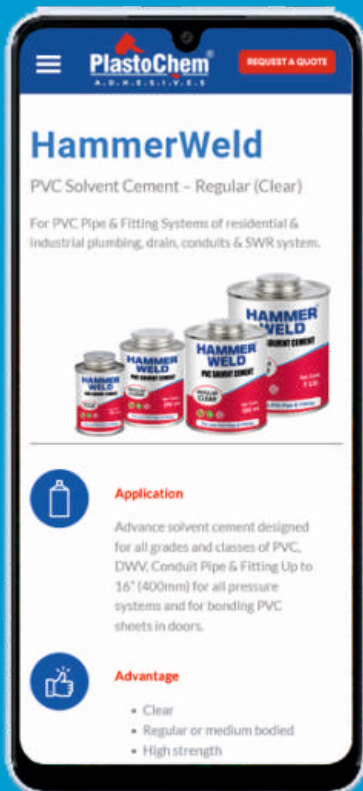
Note :

• Celsius to Fahrenheit:  $F = C \times (9/5) + 32$  • Conversion Kg/cm² to psi:  $1\text{kg/cm}^2 = 14.223\text{ psi}$





Visit our website  
[www.kgplastochem.in](http://www.kgplastochem.in)  
for more details



Manufacturer:

**KG Plastochem (I) Pvt. Ltd.**

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