



hp international

# STRONG WELD

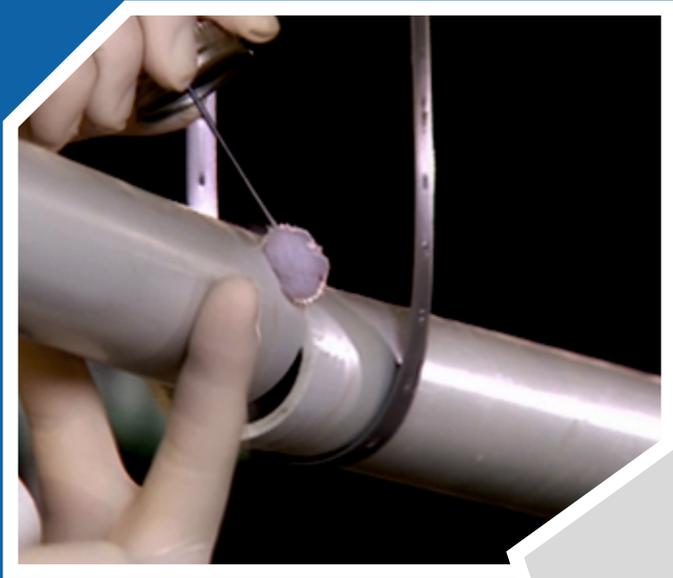
PVC, CPVC & UPVC SOLVENTS  
CEMENTS FOR PLUMBING SYSTEM



Heart of Plumbing Systems.



Under Franchisee Licence from:  
**INVOGUE LABS INC, NEWYORK (NY) U.S.A.**



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## FROM THE DIRECTOR'S DESK

HP International Ltd., the flagship company of the HP Group, is proud to be the largest manufacturer of Solvent Cement in Asia. With an annual turnover of over 15 Million USD in only solvent cements, and a group turnover in excess of 40 Million USD, the HP Group has come a long way in various business streams since its inception in 1978 by the Motwani family. Its interests range from Adhesives, Plumbing Accessories, Textiles, Logistics, Real Estate, and also include Engineering.



MR. KARAN MOTWANI

Thanks to our constant vision and leadership, the solvent cement business has always been the pride of the group. It was also the flagship venture of the HP Group, and has evolved ever since its inception. The HP Group was founded on the principles of trust and reliability, and has always put its stakeholders (employees, customers) first. It has envisioned the creation of an agile, customer-friendly organization that has always given the market par plus product and services. The solvent cement business was started when the business of using plastic itself was at a nascent stage, but the vision of our founder has led us to become a brand in the era of plumbing adhesives. With all the businesses combined, the group is a well-oiled machine with the right mix of talent, technology, capital, and resources, bringing in international expertise to make its product, process, and offering at par with global standards.

Growth through diversification has been the cornerstone of the success of the HP Group and all its companies. A steady yearly increase in sales, profits, and satisfied customer base has ensured that we haven't looked back – going strength to strength through the 35 years of our journey. In this time, the HP Group has achieved many successes and milestones, the most recent being its recognition as “the leader of tomorrow” in the chemical space by ET Now – the leading business channel in India. This is attributed to the company's belief that these successes are only the beginning and there are many more goals to be achieved in coming times. It is this fire that will drive the HP Group to the next level of success, along with a target to achieve the USD 100 Million Revenue mark by 2020.

"Our vision is to embark on a journey of success where one needs the tools of preparedness, foresight and strategy. It is imperative for us to combine these three forces to succeed in an industry like our.

Realizing the responsibility towards our stakeholders is necessary for each member of HP International Limited and the HP Group. We endeavor to be one of the most competitive companies in the industry, with emphasis on efficiency in operations, reliability for customers and thrust on discovery and development in New areas.

We are an organization that combines scientific, financial, managerial & operational skills to help our customers better. Our research assets, business infrastructure and human capital will integrate to flower a robust performance, which would provide an impetus to the industry as whole. We are a company, which is cradled by the most arduous and sincere entrepreneur, benefitted with the support of a flourishing economy, and the support of a striving benevolent team will help us achieve success.

Gearing up for the future, we have the key success factors necessary to withstand the winds of change. We are encouraged to build a highly skilled and creative research and development team, which is reinforced by the state-of-the-art infrastructure. Our well recognized market presence with a strong product portfolio, which is being marked up with newer brands and products. Our success has been achieved due to our streamlined and efficient manufacturing capabilities, boosted by our technical prowess, high quality production and cost effective manufacturing. All this is supplemented by a well monitored marketing and distribution network, which is aimed at attaining brand equity among our wide-reaching customer base.

The success and eminence of HP International Limited began as the dream of one man extended to be transformed into the dream of many. We strive to accomplish our dreams and goals to bring greater effulgence in the future."



**Mr. Haresh Motwani**  
Founder Chairman

Our core strengths are providing high quality products at reasonable & affordable prices that meet our client's requirements and exceed their expectations. Our multifaceted approach to every product and our continuous quality improvement process allows us to build long-term relationship with all our customers. Our quality services, affordable pricing, timely delivery and diverse expertise set us apart from other solvent cement and plumbing product companies all over India. HP International delivers unmatched business value to customers through a combination of process excellence, quality product and distribution of almost 350 SKU's. Our 'One-stop shop' approach to plumbing products and accessories makes it possible for our clients to have better inventory, ease of purchasing and single brand focus. HP International has over 500 direct distributors and 12000 retailers, who are serviced by HP advanced distribution system.



## Mission 2020

*We plan to take our presence to 1500 distributor across India and globally.  
Our target is to reach 1000 SKU's.  
We hope to be present in 100 countries.*

**Mrs. Anjana Motwani**  
Managing Director



# INTERNATIONAL CAPABILITY



HP International's solvent cements have always been well accepted due to superior quality and consistency with a wide product range to choose from.



International collaboration with various companies in the USA & Europe have helped the company bring its products to compete at any international stage, against the best products in the world. HP International has always emphasized that the quality of product will out weight all other parameter and therefore rigorously committed its efforts ensuring the same. Its global presence in 40 countries has helped it understand the needs of different standard like (ASTM, DIN, BS & ISO etc.). It also understands its customers need giving it a diverse range of product offerings. Its highest level of quality control, testing has always ensured consistency in all its products.



# ADVANTAGES

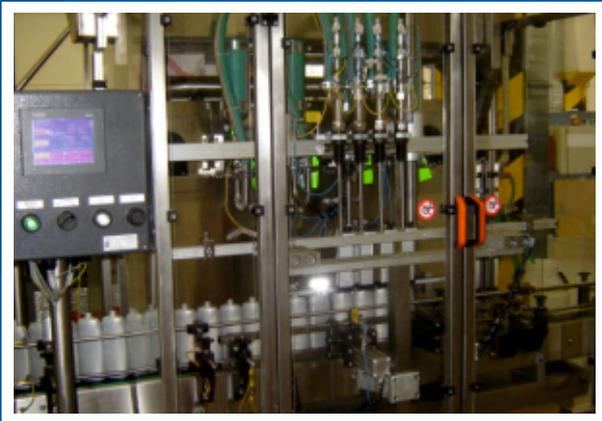


With a vision for the future, HP has spent large amount of resources in Research & Development and Capacity building. It has envisioned the product need, quantum of supply and has thane build a large capacity.

- Manufacturing Capacity 12,000 TPA.
- Packaging Capacity 250,000 units per day.

This has made HP the 4th largest manufacturer of solvent cement globally. Our large capacity help us serve our Distributors & large size private label accounts. HP extends 1/3 offering into other plumbing products for both distribution and private label business. Even at large size HP is an agile organization, which has the ability to make changes quickly as per the needs of it customers.

Distribution & Distributors have been the corner stone of Hp's success story. We have over 45 stock points across India and International all of which help us serve the customers better. These stock points are owned both by Company and distributor as well.



Innovation and diversification is HP's belief for the future success. At HP we are constantly trying to improve and increase our product offering to make our customers more inclined towards our business. We understand there need and turn into solutions.

We have a pipeline of projects that would benefit all our customers. Our offerings are only going to grow on a year on year basis in the plumbing & non plumbing space. Our focus is to be a specialty product supplier in the Mechanical, Electrical Plumbing, Fire Fighting space with products that will add value to all areas of construction. Our future products include PRV's, NRV's, Silicone Sealant, specialty Construction Chemical.



+91-22-28324739



sales@hpint.in



<http://hpgroups.in>

“Transforming needs into products” that has been the key words given by our founder’s, which still motivate the entire company.

The spirit of innovation feeds us to grow aggressively into various businesses and products, by accessing global technologies, transforming them to achieve local and international purpose. The R&D team of HP Group Company is a mix of Indian & International minds, using both ideas and processes to build world class products.



R&D team is constantly striving at improving our existing products and building capabilities for new and innovative products. At all stages we have also attempted to reduce our VOC (Volatile Organic Compound) levels in our products. This has now lead us to launch a full size LoVOC range of solvent cements in various markets, which is compliant as per SCAQMD-1178 (South Coast Air Quality Management District).

Our moto is “Let’s do it the Best”, therefore we are in process of launching a full range of speciality MEP (Mechanical, Electrical & Plumbing) product’s which would add great value to our offering.

HP International Ltd ensures that it provides its customer's with the consistent quality of solvent cements and others products year on year, thereby reducing onsite hassles. Constant customer satisfaction and improved quality of products has ensured, that our customer are happy with us.

## OUR QUALITY OBJECTIVE

- To plan quality related training programmes once in 2 months.
- To reduce customer complaints to less that 1% per year.
- To increase customer feedback by 15% per year.
- To carry out customer survey discussion every 2 months.
- To ensure implementation of all finalized proposals in the customer survey discussion



Quality is never an accident but a result of high intension, sincere efforts, intelligent direction and skillful execution; it represents the wise choice of many alternatives

**-William A. Forken**

## QUALITY CONTROL

HP follows the best processes of quality controls following all norms and guidelines of various standards like (ASTM, BS, DIN and ISO)

PVC Testing is carried out before supply of any product using below methods.

- Hydrostatic Burst Strength
- Tensile Testing
- Viscosity
- Gas Chromatography–Mass Spectrometry
- Density Analysis



Hydrostatic Burst Strength



Tensile Testing



Visco Meter



GCMS

HP has a policy of inward testing of all its raw materials like QC for chemicals, Density for Teflon rolls, bust strength testing for ball valves, pressure testing for plugs, hardness analysis for Rubber, Chemical analysis for resins and stability testing of additives.

These stringent QC norms ensure our product reliability and consistency. HP believes that QC is the backbone of a great company and therefore adheres to all its QC measure before supply of any product in the market.

HP has always believed in the philosophy of "POWER OF ONE". It culminates into having maximum numbers of products under 1 roof, also offers maximum products to its customers from one umbrella.

These results benefits for customers in following way:-

- 1) Customers service
- 2) Inventory management & logistics
- 3) hassle free operation
- 4) advanced stock out day
- 5) Better Pricing
- 6) Increases customers product offers.
- 7) Increased organizational base.
- 8) Improves all round loyalty



All the above points clearly highlight how HP's large product basket will benefit its customers in various ways. It ensures the customers is not out of stock of a single product, improves his overall buying power. Bigger volumes buyer can be serviced by just one supplier, this also reduces like logistical cost and hassles.



# COMMITTED TO DELIVER



DELIVERING SOLUTIONS FOR  
PLUMBING | DRAINAGE | CONSTRUCTION



## 300 REGULAR DUTY

Also Available In:

▲ PVC cement for all classes and schedules with interference fit through 4" (110mm) diameter except schedule 80.



▲ Recommended for all grades and types of PVC pipe & fitting.

▲ Meets ASTM D 2564.

▲ Excellent for Irrigation, Electrical Conduit, Pool & Spa, Plumbing, Including PVC foam core pipes

Industry Listing:

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Clear



## 302 REGULAR DUTY

Also Available In:

▲ PVC cement for all classes and schedules with interference fit through 4" (110 mm) diameter except Schedule 80.

▲ Excellent for DWV, irrigation, electrical conduit, pool & spa and plumbing, including PVC foam core pipe.

▲ Meets ASTM D 2564.

Industry Listing:



Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)



Color:

Clear



## 304 MEDIUM DUTY

Also Available In:

▲ PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, Schedule 80 through 4" (110 mm) diameter.

▲ 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.

▲ Meets ASTM D 2564.



Industry Listing:



Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)



Color:

Clear

Gray

Blue



## 305 Medium Duty

Also Available In:

▲ PVC cement for all classes and schedules with interference fit through 6" (160mm) diameter schedule 80 through 4" (110 mm) diameter.

▲ Quality Product for Industrial, Irrigation, DWV, Electrical Conduit, Pool & Spa and Plumbing, including PVC foam core pipe.

▲ Meets ASTM D 2564.

▲ Suitable for use as a one step cement without primer on non-pressure systems if local codes permit.

Industry Listing:

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Clear

Gray

Blue

## 311 HEAVY DUTY



**Also Available In:**

- ▲ PVC cement for all classes and schedules with interference fit, including Schedule 80 through 12" (315 mm) diameter.
- ▲ It has good gap filling properties and its medium set allows more working time in warm weather.
- ▲ High-strength formula is ideal for industrial piping systems.
- ▲ Meets ASTM D 2564.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

Color:

Clear

Gray

Blue

## 317 HEAVY DUTY



**Also Available In:**

- ▲ PVC cement for all classes and schedules with interference fit through 12" (315 mm) diameter (non-pressure applications only up to 18").
- ▲ Quality formulation for Plumbing, Industrial, Pool, Irrigation and Electrical Piping Systems.
- ▲ It has good gap filling properties and its medium set allows more working time in warm weather.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)



Color:

Clear

Gray

Blue

## 319 HEAVY DUTY



**Also Available In:**

- ▲ PVC cement for all classes and schedules with interference fit, including Schedule 80 through 30" (800 mm) diameter.
- ▲ Premium, high-strength formulation for large size industrial piping systems.
- ▲ Ideal for fabrication of large fittings and applications requiring high gap filling properties.
- ▲ Also suitable for irrigation, conduit, other pressure and non-pressure applications.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)



Color:

Clear

Gray

Blue

## 350 ADVANCE HEAVY DUTY



**Also Available In:**

- ▲ PVC cement for all classes and schedules with interference fit, including Schedule 80 through 30" (800 mm) diameter.
- ▲ Premium, high-strength formulation for large size industrial piping systems. Ideal for fabrication of large fittings and applications requiring high gap filling properties. Also suitable for irrigation, conduit, other pressure and non-pressure applications.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)



Color:

Clear



## 313 MEDIUM DUTY

**Also Available In:**

- ▲ CPVC cement for use on all schedules and classes of fittings up to 6" diameter with interference fit.
- ▲ Residential and Commercial hot and cold water systems up to 200°F/93°C.
- ▲ Recommended application temperature 40°F to 110°F / 4°C to 43°C.
- ▲ Used for Corzan type CPVC Piping Systems
- ▲ Meets ASTM F-493 and ASTM D-2846.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

Color:

Orange



## 314 HEAVY DUTY

**Also Available In:**

- ▲ CPVC cement for all classes and schedules with interference fit through 12" (315 mm) diameter.
- ▲ Industrial quality for non-chemical applications up to 180°F (82°C). Approved for use on CPVC piping systems.
- ▲ Recommended application temperature 0°F to 115°F / -17°C to 46°C.
- ▲ Meets ASTM F493.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

Color:

Orange



## 324 HEAVY DUTY

**Also Available In:**

- ▲ CPVC cement for all classes and schedules with interference fit through 12" (315 mm) diameter.
- ▲ Premium, high-strength, chemical-resistant solvent cement for use with CPVC piping systems carrying acids, bases, salts, and hypochlorite.
- ▲ Ideal for use in waste water plants.
- ▲ May be used on PVC industrial piping systems for chemical applications.
- ▲ Recommended application temperature 40°F to 110°F / 4°C to 43°C.
- ▲ Meets ASTM F-493, Approved for Corzan CPVC piping systems.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

Color:

Gray



## GOLD MEDIUM DUTY

**Also Available In:**

- ▲ CPVC cement for copper tube size pipe and fittings with interference fit through 2" (63 mm) diameter.
- ▲ ONE STEP CEMENT – formulated to be used without primer if Codes permit.
- ▲ For potable water to 180°F (82°C). Suitable for residential plumbing and industrial systems.
- ▲ Recommended application temperature 0°F to 115°F / -17°C to 46°C.
- ▲ Meets ASTM F493.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

Color:

Yellow



## 325 WET N DRY

**Also Available In:**

- ▲ Fast Setting PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, Schedule 80 through 4" (110 mm) diameter.
- ▲ Premium formula for wet conditions and/or quick pressurization.
- ▲ Suitable for irrigation, plumbing, pool & spa applications.
- ▲ Recommended application temperature 40°F to 110°F / 4°C to 43°C.
- ▲ Meets ASTM D2564.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Blue



## 327 HOT N COLD

**Also Available In:**

- ▲ Fast Setting PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, Schedule 80 through 4" (110 mm) diameter.
- ▲ Premium formula for all weather conditions (-15°F to 110°F / -26°C to 43°C).
- ▲ Excellent for industrial, irrigation, electrical conduit, pool & spa, plumbing, including PVC foam core pipe.
- ▲ Can be used without primer on non-pressure systems if local codes permit.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Clear



## 335 WET N FAST

**Also Available In:**

- ▲ Fast Setting PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, schedule 80 through 4" (110 mm) diameter.
- ▲ Plumbing quality cement for wet conditions and/or quick pressurization.
- ▲ Can be used without primer on non-pressure systems if local codes permit.
- ▲ Meets ASTM D2564.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Blue



## 352 HOT WELD

**Also Available In:**

- ▲ Fast Setting PVC solvent cement. It is suitable for use on rigid PVC with interference fit Sch. 40 thru 6" (160 mm) and Sch. 80 thru 4" (110 mm).
- ▲ Premium, hot blue formulation for irrigation, DWV, pool & spa, plumbing and non-pressure application.
- ▲ Recommended application temperature 0°F to 115°F / -17°C to 46°C.
- ▲ Meets ASTM D2564.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Can, & 5000ml (1.32 Gl)

Color:

Blue



## 227 ELECTRICAL CONDUIT

**Also Available In:**

- ▲ Fast Setting Cement for all PVC Electrical Conduit or any non-pressure PVC application with interference fit through 6" (160 mm) diameter.
- ▲ High strength joints can be made at temperatures as low as -15°F and as high as 110°F.
- ▲ Can be used without primer if local codes permit.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Clear



## C70 CLEANER

**Also Available In:**

- ▲ Specially formulated for removal of oil and grease from the surfaces of PVC, CPVC, ABS and STYRENE pipe and fittings.
- ▲ Recommended for use before priming of pipe and fittings.

**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Clear



## L90 LUBRICANT

**Also Available In:**

- ▲ Custom-formulated, multipurpose lubricants are great for motors, circulators and other pumps, sliding parts, bearings, chains, linkage, or wherever metal lubrication is desired.
- ▲ Non-toxic, soft, paste like material for lubricating bell joint pipe gaskets.
- ▲ Will not deteriorate natural or synthetic rubber.
- ▲ Will not support bacteria.

**Industry Listing:**

- ▲ Dissolves in hot water.

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Milky



## P48 PRIMER

**Also Available In:**

- ▲ Very aggressive primer for use on PVC and CPVC pipe and fittings.
- ▲ Recommended for Commercial and Large diameter thermoplastic piping systems, specifically CPVC Schedule 40/80.
- ▲ Ideal for use in cold weather applications. Meets ASTM F656.
- ▲ Removes surface dirt, grease and grime as well as softens the pipe surface to allow a fast, secure solvent weld.

**Industry Listing:**

- ▲ For use in areas where plumbing code calls for versification that a primer has been used.

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Clear

Purple



## 348 POOL QUICK

**Also Available In:**

- ▲ Fast Setting PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, Schedule 80 through 4" (110 mm) diameter.
- ▲ Specially formulated for pool maintenance and repair – wet or quick pressurization conditions.
- ▲ Can be used without primer on non-pressure systems if local codes permit.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Blue



## 398 POOL PLAST

**Also Available In:**

- ▲ Fast Setting PVC cement for all classes and schedules with interference fit through 6" (160 mm) diameter, Schedule 80 through 4" (110 mm) diameter.
- ▲ Ideal for flexible PVC pool application.
- ▲ Forms flexible, strong joints.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Blue



## 378 ABS Cement

**Also Available In:**

- ▲ Fast Setting, ABS cement for all classes and schedules with interference fit through 8" (200 mm) diameter.
- ▲ For plumbing application (DWV, sewer, & drain pipe), conduit and foam core.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Black



## 394 TRANSITION

**Also Available In:**

- ▲ Fast Setting, Transition Cement for all classes and schedules with interference fit through 6" (160 mm) diameter (not for Schedule 80).
- ▲ Specifically designed for use on PVC to ABS transition joints in non-pressure systems.
- ▲ Suitable for sewer, DWV, and conduit.



**Industry Listing:**

Available in size of 118ml (04 OZ) Tin, 237ml (08 OZ) Tin, 473ml (16 OZ) Tin, 946ml (32 OZ) Cane, & 5000ml (1.32 Gl)

**Color:**

Green

## UPVC BALL VALVE

HP International UPVC Ball Valves are manufactured with the use of Lead Free PVC compound. UPVC single molded Ball Valves are as per ASTM standard. Being UV stabilised, Ball Valves can be used in sunlight exposed conditions. This Ball Valves are simple and leak proof jointing system. These ball valves are free from corrosion, chemical action, and negative biological effect, hence absolutely safe for human body. This Ball Valves are used in plumbing application in Building, Industrial Process Lines, Dye Houses, Sugar & Paper Industries.



Also Available In:



- ▲ Suitable for DRINKING Water
- ▲ International quality approval
- ▲ White color
- ▲ Double EPDM O-rings
- ▲ TPE seats
- ▲ Rate at 150 PSI @ 73°F (23°C)

### MATERIAL & SPECIFICATION

No.	Description	Material
1	Cap	ABS
2	Handle	ABS
3	O-Ring	EPDM
4	O-Ring mini	EPDM
5	Seat (2)	TPD
6	Ball	PC+ABS
7	Body	PVC

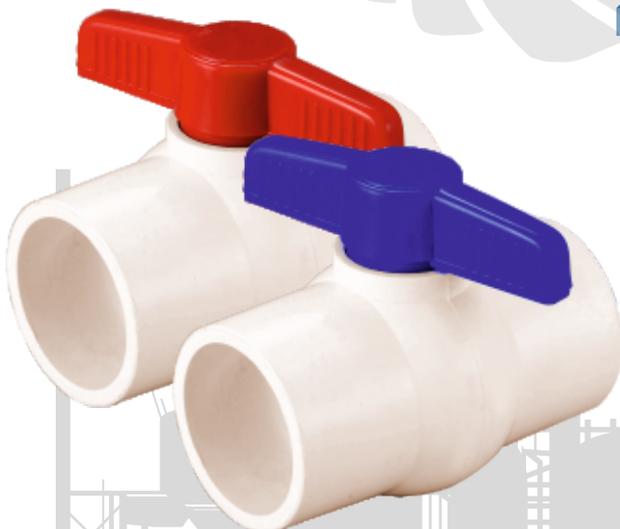
**Application:** Suitable For Potable Water, Most Acids & Alkalis.  
**Available sizes :** 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"

## UPVC BALL VALVE

HP CPVC Ball Valves are designed for the special applications in hot & cold water distribution in Residential, Commercial & Public Projects, Low & High rise building, Corporate Houses, Academic Institutes, Solar Heater Applications, etc.

### Features :

- Light weight & quick assembly.
- Simple & Leak proof joints.
- Tough & Rigid Material.
- Chemical & Corrosion resistance CPVC construction.
- Fire Resistance.
- EPDM O-rings.
- Economical sealed unit.
- PTFE Seal.



Also Available In:



- ▲ Suitable for DRINKING Water
- ▲ International quality approval
- ▲ For use with Hot or cold water
- ▲ Double EPDM O-rings
- ▲ Teflon seats
- ▲ Rate at 100 PSI @ 180°F (83°C)
- ▲ for use with CTS CPVC pipe as per ASTM D 2846

### MATERIAL & SPECIFICATION

No.	Description	Material
1	Cap	ABS
2	Handle	ABS
3	O-Ring	EPDM
4	O-Ring mini	EPDM
5	Seat (2)	TEFLON
6	Ball	PC+ABS
7	Body	CPVC

**Application:** Suitable For Potable Water, Most Acids & Alkalis.  
**Available sizes :** 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

# P.T.F.E. THREAD SEAL TAPE



## FEATURES

- Acid & alkali resistant.
- Insulation.
- Soft, flexible.

## USAGE

- Sealing & locking thread.
- Used in pressurizing the screws of oil, water and air conduits.

Color:

Yellow

White

	Product Description	Teflon Tape
Construction	Backing	PTFE
	Adhesive	N/A
	Colors	White, Yellow
	Heat-resisting degree(°C)	370
Typical Physical Properties	Cold-resisting degree(°C)	-190
	Able to bear the high pressure (kg/cm <sup>3</sup> )	150-220
	Elongation (%)	≥25
	Thickness (mm)	0.090, 0.10
	Length in Meter	10 Mtr, 12 Mtr
	Packing	1000 Pieces/Carton



## HOW TO USE

When you are joining threaded pipe for use on gas or water lines, you must use something to seal the joint so it doesn't leak. The best thing to use is Teflon Tape on the male threads and pipe-joint compound on the female threads. The 1/2-inch-wide tape is the best choice for most piping, while 3/4-inch tape is better for 3 and 4-inch piping.

## INSTRUCTIONS

### Step 1

Pull some tape off the roll and place the end on the male pipe threads.

### Step 2

Wrap 3-5 layers of tape tightly in a clockwise direction around all the threads. Cut the end with your scissors.

### Step 3

Apply a thin coat of pipe-joint compound to the female threads in the fitting and screw the pipe into the fitting.



+91-22-28324739



sales@hpint.in



<http://hpgroups.in>

## At the forefront of quality and innovation

HP International has been at the forefront of composite manhole technology in India to design and manufacture a composite manhole cover for any application. The aim was to combat the health and safety issues associated with the removal and replacement of traditional metal manhole covers.

Today, HP International is establishing itself as a leading world player in this specialist field, with a global reputation for high quality products and superior after sales service.

## The Advantages of Fibre Reinforced Composite Manhole Covers

Composites are now used for a wide range of applications; from simple products in general construction, to cutting edge uses in the marine and aerospace industries. The key benefit of composite is the strength to weight ratio compared to other materials, however many other benefits are apparent when using composite technology to produce manhole covers. Traditional metal covers create health and safety hazards for both the general public and company employees. The thermal gradient properties of composite significantly reduce heat transfer from a steam vault to the surface of the cover. The same properties also mean that the cover will take much longer to heat up when subjected to a simple heat source such as direct sunlight. Both these facts will eliminate the risk of skin burns to the general public. From an operational perspective, the lightweight nature of composite will also facilitate easy removal and replacement of the cover without compromising on strength. Combine these benefits with the non-corrosion properties and the fact that it does not conduct electricity, composite manhole covers are a viable alternative to traditional metal.

## Why use HP International manhole covers?

Aside from the general benefits given for composite manhole covers, HP International offers many other significant features. The monolithic structure of the covers means that they will not crack or delaminate during usage, and the multi-faceted design of the underside of the cover eliminates the danger of the covers spinning out. Water intrusion problems are also eliminated with a proven gasket design that has been tested when the cover is under load.



## Benefits compared to metal covers:

- Significant reduction in heat transfer
- Lightweight without compromising strength
- Ergonomic removal and replacement with specially designed handle
- Watertight with proven performance under load
- Produces significantly less condensation on underside of cover
- Anti-static and does not conduct electricity
- Improved anti-skid and anti-wear properties
- Non-corrosive and resistant to sodium chloride
- Eliminates risk of theft due to no scrap/ resale value

## Other benefits:

- Monolithic structure will not crack or delaminate
- Maintenance free
- Multifaceted design that won't spin out

Further colours are available upon request



All the sizes of manhole covers are available in the following load bearings.

Shape	Size	2.5 Tn	5 Tn	10 Tn	20 Tn
Circular	500 Dia	✓	✓	✓	✓
Circular	600 Dia	✓	✓	✓	✓
Square	300 x 300	✓	✓	✓	✓
Square	400 x 400	✓	✓	✓	✓
Square	450 x 450	✓	✓	✓	✓
Square	600 x 600	✓	✓	✓	✓
Square	800 x 800	✓	✓	✓	✓
Square	900 x 900	✓	✓	✓	✓
Rectangular	600 x 450	✓	✓	✓	✓
Rectangular	800 x 450	✓	✓	✓	✓
Rectangular	900 x 450	✓	✓	✓	✓
Rectangular	900 x 600	✓	✓	✓	✓

## WATER GULLY COVERS / GRATINGS

HP International offers gully covers and gratings which are made of FRP high quality materials. Other than the load bearing there are many advantages of these covers as water can easily flow through it (more than 39% opening) and it dose not allow water logging.

They have been thoroughly load tested as per BSEN 124, IS 1726 & AASHTO M306 standards for drainage and utility services. They meet all the requirements of the code. The resistance is tested accordance with ASTM-84 tunnel test method.



## ALL PURPOSE LEAK DETECTOR



- ▲ Detects leaks quickly on all types of tubing, valves, cylinders, pressure tanks or other systems under air, gas or oxygen pressure.
- ▲ Uses 1-11/32" hole diameter.
- ▲ Functions in -55 F to 160 F temperature range.
- ▲ Slow evaporation rate extends inspection time.

**Available sizes : 08 oz, 16oz**

## GREY PIPE JOINT COMPOUND



- ▲ Non-hardening gray paste seals and lubricates threaded joints.
- ▲ For use on water, steam or air lines.
- ▲ Non-separating and non-toxic material.
- ▲ Not for use on plastic threads.

**Available sizes : 04 oz, 08 oz, 16oz, 32oz**

## PTFE PIPE JOINT COMPOUND



- ▲ Lubricates and seals all threaded joints.
- ▲ White, non-hardening, non-separating, non-toxic paste.
- ▲ Withstands up to 3,000 PSI on gases from -50 to +400°F, and 10,000 PSI on liquids from -50 to +500°F.
- ▲ For use with water, steam, caustics or dilute acid lines.
- ▲ Can be used with plastic and metal threads.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"**

## U LOCK THREAD SEALANT



- ▲ Now made with DuPont KevlarR.
- ▲ Wipes easily from hands and tools with dry rag.
- ▲ No odor - No waiting - Non Flammable.
- ▲ High performing thread sealant.
- ▲ Grit-free.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"**

## SUSPENSION PIPE CLAMPS



- ▲ Eliminates contact between the pipe and framing surface thereby reducing transmission of water line noise.
- ▲ No corrosion – made of durable polypropylene.
- ▲ Ribbed design allows faster cooling and pipe expansion and contraction.
- ▲ Can be used on hydronic systems.

**Available sizes : 1/2", 3/4", 1", 1 1/4"**

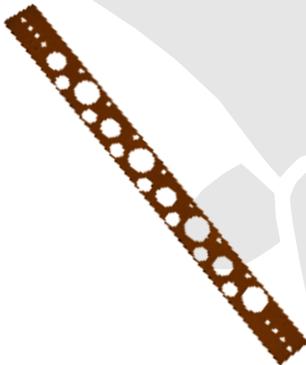
## STANDARD PIPE CLAMPS



- ▲ Eliminates contact between the pipe and framing surface thereby reducing transmission of water line noise.
- ▲ No corrosion – made of durable polypropylene.
- ▲ Ribbed design allows faster cooling and pipe expansion and contraction.
- ▲ Can be used on hydronic systems.

**Available sizes : 1/2", 3/4", 1", 1 1/4"**

## PIPE SUPPORT BRACKET



- ▲ Supports any water supply lines penetrating the wall.
- ▲ Holes on 2" centers for 1/2" pipe and 4" centers for 3/4" and 1" copper pipe.
- ▲ Nail in place and solder pipe to copper plated bracket for secure installation.

**Available sizes : 1/2"**

## COPPER TUBE STRAPS



- ▲ Use with copper, PVC, CPVC, galvanized, polybutylene and other piping systems.
- ▲ Allows pipe to be flush mounted to walls, joists and rafters.

**Available sizes : 1/2", 3/4", 1"**

## DWV J-HOOK



- ▲ Pre-loaded nails in stem.
- ▲ Pre-loaded nails in stem.
- ▲ Diagonal nail path for use in tight applications.
- ▲ Locking finger for tight hold at any angle, including inverted.
- ▲ Additional holes allow securing with cable ties or other fasteners.
- ▲ Made of black and white ABS. Temperature range: -40°F - 180°F.

**Available sizes : 1/2", 3/4", 1", 1 1/4"**

## CTS J-HOOK



- ▲ Support copper and CPVC water supply lines from joists and rafters.
- ▲ J-Hook nails flush against a wall or stud.
- ▲ Made of high impact ABS for increased load capacity.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"**

## STRONG-VENT AIR ADMITTANCE VALVE – 6 DFU CAPACITY



- ▲ Complies to ASSE Standard 1050 and 1051.
- ▲ For use as a secondary vent.
- ▲ One size approved to handle up to 2" vent pipe.
- ▲ Opens/closes as needed by building's plumbing system.

**Available sizes : 1.5" to 2"**

## STRONG-VENT AIR ADMITTANCE VALVE – 20 DFU CAPACITY



- Complies to ASSE Standard 1050 and 1051.
- For use as a secondary vent.
- One size approved to handle up to 3" vent pipe.
- Opens/closes as needed by building's plumbing system.

**Available sizes : 1.5" to 2"**

## N-SEAL PLUMBER'S PUTTY



- ▲ Fixture setting compound for setting frames, faucets, strainer baskets, etc.
- ▲ Stays flexible, will not crack or shrink.
- ▲ Easily workable, soft, pliable material.
- ▲ Not for use on marble, granite, plastic or any other dimensional stone.

Available sizes : 14oz, 3LB, 5 LB

## PIPE SEAL



- ▲ Caulking lead substitute for sealing cast iron soil pipe joints.
- ▲ Air dry putty compound packs easily and resists shrinkage.
- ▲ Forms a hard leakproof seal.
- ▲ For use whenever it is impractical to pour molten lead.

Available sizes : 16oz.

## N-SEAL STICK EPOXY PUTTY



- ▲ Convenient multi-purpose sealing, patching and mending compound.
- ▲ Steel filled material, mixes in your hand and hardens in minutes.
- ▲ Uses 1-11/32" hole diameter.
- ▲ May be drilled, tapped, filed, sanded, sealed and painted when hardened.
- ▲ Non-toxic material contains no solvents and will not shrink.

Available sizes : 4oz.

## N-SEAL PLUMBERS PUTTY (NON STAINING )



- ▲ Non-staining polymer sealant .
- ▲ Permanently soft, malleable, and flexible.
- ▲ Unique, professional grade.

Available sizes : 14oz

## PLUGS



- ▲ Smaller deflated diameter.
- ▲ Improved hardware for more strength.
- ▲ Shorter length.
- ▲ Additional bypass sizes available.
- ▲ Field-repairable rupture disc technology to eliminate over-inflation risk.

*Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"*

## ONE-SIZE TEST-BALL PLUGS



- ▲ Made of natural rubber for excellent expansion and memory.
- ▲ Seals both round and out-of-round pipe.
- ▲ Zinc-plated steel chain and ring handle acts as an anchor to prevent plug from sliding down a line.
- ▲ Fits easily through test tees, sanitary tees, floor drains, and other "tight" situations.
- ▲ Broader expansion range than mechanical plugs.

*Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"*

## STRONG-SEAL PLUGS



- ▲ Threads into test tee, eliminating water back splash.
- ▲ Removable sniffer valve inflation fitting is replaceable.
- ▲ Made from long-lasting natural rubber.
- ▲ Seals both cast-iron and plastic pipe

*Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"*

## MINI-BALL PLUGS



- ▲ Work in all types of pipe.
- ▲ Durable natural rubber construction seals the roughest of surfaces.
- ▲ Threaded aluminum bypass.
- ▲ Easily converts to an air test plug with the use of a conversion kit.
- ▲ One plug fits multiple pipe diameters.

*Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"*

## MECHANICAL PLUGS



- ▲ Ideal for plumbing system tests.
- ▲ Easy to install with extra-large wing nut.
- ▲ Inside of pipe seals inside pipe as far as needed.
- ▲ Made with glass-reinforced ABS plastic.
- ▲ End-of-pipe seals only at the end of a pipe, preventing plug from falling into stack.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"**

## RING PLUGS



- ▲ Cost-effective method for plugging open-ended pipe.
- ▲ Natural rubber O-ring.
- ▲ Effective pipe dust cover.
- ▲ Not recommended for pressure tests.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"**

## LOCKING PLUGS



- ▲ Ideal for plumbing system tests.
- ▲ Easy to install with extra-large wing nut.
- ▲ Inside of pipe seals inside pipe as far as needed.
- ▲ Made with glass-reinforced ABS plastic.
- ▲ End-of-pipe seals only at the end of a pipe, preventing plug from falling into stack.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"**

## TUB WASTE & OVERFLOW PLUGS



- ▲ Used to isolate bath wastes for air/water testing.
- ▲ Natural rubber gasket creates air-tight seal.
- ▲ For use on center hole drains overflow.
- ▲ Yellow ABS plastic ensures easy job site recognition.
- ▲ 3/8" Drain thread.
- ▲ 1/4" Overflow thread.

**Available sizes : 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"**



India's first company to get NSF Licence for Solvent Cement.

HP is an ISO 9001 - 2008 certified company is improving Manufacturing process constantly.

HP solvent cement company is constantly carrying out development activities, keeping in mind plumbing professionals and contractors. Our aim is to build the most high quality and reliable solvent cement yet making them user friendly.

Quality and customer satisfaction is our aim. We look forward to serve our customer with our quality products and services.



### **HP International**

11, Unique House, Andheri (E), Mumbai - 400099.  
Ph: +91-22-28324739 / 22-28374792 / 22-28264671  
Fax No: +91-22-28349596  
Visit us @ [www.hpgroups.in](http://www.hpgroups.in)  
For Domestic Sales : [sales@hpint.in](mailto:sales@hpint.in)  
For International Sales : [alliance@hpint.in](mailto:alliance@hpint.in)  
For General Inquires : [info@hpint.in](mailto:info@hpint.in)

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