

MANUFACTURER, EXPORTER & SUPPLIER OF

# SOLVENT CEMENTS

FOR PVC, UPVC (PVC-U), CPVC  
& ABS PIPING SYSTEMS



**EPOXY PUTTY**

**WATER PROOFING  
CHEMICALS**



**RESIDENTIAL &  
INDUSTRIAL GRADE  
SOLVENT CEMENTS**



*Technical collaboration with  
Creative Adhesives Inc., USA*

**SYNTHETIC  
RUBBER ADHESIVE**



IS 14182



\*NSF is applicable only for NeoSeal 205, 305, 217 & 314



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Creative Adhesives Inc., USA***

## About Us

NeoSeal Adhesive is manufacturer, exporter and supplier of the finest quality solvent cements, primer and cleaner for PVC, UPVC (PVC-U), CPVC and ABS piping system. NeoSeal products are used for potable water, irrigation, SWR, conduit, sewer, drain, waste and vent system in agriculture, residential, commercial and industrial plumbing applications. We offer complete line of solvent cements in the industry with products specifically formulated for a wide variety of applications.

Our products are designed and developed by experienced Chemists / Engineers / Scientists. Our products meet or exceed the performance requirements of ASTM (American Society for Testing and Materials) standards and certified by NSF (NSF International, USA). In fact, NeoSeal is the first Indian company to obtain NSF certificate for its CPVC solvent cements.

NeoSeal Adhesive also manufactures premium quality Epoxy Putty which is widely used for sealing, gripping, joining and repairing for wide verity of surfaces like metals, porcelain, ceramic, marble, concrete, granite, ivory, asbestos, glass, wood, certain plastics, etc.

NeoSeal Adhesive just launched the Synthetic Rubber Adhesives for furniture, Upholstery, mattress, footwear manufacturing applications. It can be used for joining various rubbers, leather, foam, vinyl, rexine, ceramic, FRP, metal, canvas etc.

NeoSeal Adhesive also launched SBR Water proofing products to provide water proofing in new & old building for concrete slabs, RCC structure, terrace, cracks repair, bathroom, toilets, water tank etc. Integral water proofing specially formulated for concrete, plaster and mortar for new construction which protects building from water penetration, environment erosion, abrasion.

# Strength

We are committed to manufacture environment friendly quality products hence our products are Low VOC (Volatile Organic Compound) and compliant with LEED® (Leadership in Energy and Environmental Design) Green Building requirements. It has lower emissions, reduced odour and it meets the most stringent air quality regulations of SCAQMD (South coast air quality management district), USA. We care about human health therefore we don't use any unsafe cheap chemicals (unsafe for drinking water) in our products.

Technical collaboration with Creative Adhesives Inc., USA (expert in the adhesive technologies) significantly enhanced the company's technical capability. NeoSeal products are harmonized with the USA technologies and it offers the highest strength, consistent quality, performance, reliability and sustainability.

NeoSeal continually invest in research, facility, people, systems and new technologies to improve products, productivity and service to our customers. We always strive to offer innovative products and solutions for any plumbing application. Our goal is to become the most sought brands in the industry and provide the finest quality products and service to maximize overall value to our customers. We take pride in offering the highest quality products at affordable price.

Our real strength is the people, who work with sincerity and dedication, our valued customer (Distributors & dealers) who put their trust on us and support us with repeated orders. We value our distributors & dealers who work with us as strategic partners.



# Quality

We strongly believe in quality which goes hand and hand with customer's investment in our products. Each product is carefully tested to assure that consistent high quality is maintained. Gas chromatography and additional in-depth testing ensures that each batch is manufactured according to the standard define processes. A batch identification code is stamped on the bottom of each can/tube and assure traceability of all materials and processes used in manufacturing of solvent cements and other products. NeoSeal products are backed by highly trained technical service and customer support programs. Achievement of ISO 9001:2015 (from TÜV SÜD South Asia) certification further strengthens our consistent quality and commitment to our customers.



## SELECTION GUIDE FOR SOLVENT CEMENT

Choosing the correct cement is a vital link in a thermoplastic piping system

PRODUCTS	PIPING SYSTEM	BODIED TYPE	PIPE DIAMETER (IN INCH & MM) INTERFERENCE FIT
NeoSeal 200 Clear/Blue	PVC, UPVC (PCV-U)	Regular Bodied	Up to 3" (76mm) diameter Sch. 40 & 80 both
NeoSeal 205 Clear/Blue		Medium Bodied	Up to 6"(152mm) diameter Sch. 40 & up to 4" (101mm) dia. Sch. 80
NeoSeal 217 Clear/Grey		Heavy Bodied	Up to 12" (305mm) diameter Sch. 40 & 80 both
NeoSeal 220 Clear/Grey		Extra Heavy Bodied	Up to 30" (762mm) diameter Sch. 40 & 80 both
NeoSeal Pool & SPA		Medium Bodied	Up to 6" (152mm) diameter Sch. 40 & up to 4" (101mm) diameter Sch. 80
NeoSeal 105 Clear	PVC (Irrigation)	Regular Bodied	Up to 8" (203mm) diameter Irrigation piping
NeoSeal 300 Yellow	CPVC	Medium Bodied	Up to 3" (76mm) diameter Sch. 40 & 80 both
NeoSeal 305 Yellow		Medium Bodied	Up to 4" (101mm) diameter Sch. 40 & 80 both
NeoSeal 314 Orange		Heavy Bodied	Up to 12" (305mm) diameter Sch. 40 & 80 both
NeoSeal 324 Grey/Orange (Chemical Resistance)		Heavy Bodied	Up to 12" (305mm) diameter Sch. 40 & 80 both
NeoSeal P-38 Primer	ALL	Water Thin	Up to 24" (609mm) diameter Sch. 40 & 80 both
NeoSeal C-35 Cleaner	ALL	Water Thin	Up to 24" (609mm) diameter Sch. 40 & 80 both
NeoSeal 405 Milky	ABS	Medium Bodied	Up to 8" (203mm) diameter of all types of ABS pipes

# PVC, UPVC (PVC-U) SOLVENT CEMENTS



## 200 PVC, UPVC (PVC-U) Solvent Cement

○ Clear | ● Blue | Shelf life: 3 years | Regular Bodied - Low VOC

- Regular bodied, fast setting, high strength Low VOC solvent cement.
- Designed for all grades and types of PVC, UPVC (PVC-U) pipe and fittings through 3" (76mm) diameter Schedule 40 & Schedule 80 interference fit.
- For potable water, plumbing, irrigation, conduit, sewer, drain, waste and vent systems.
- **Meets ASTM D-2564 standard requirements.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 90 cP.
- Store product below 44°C (111°F).

Size in ml.	59ml	118ml	237ml	473ml	946ml
Units per Case	24	24	12	12	6
Units per Master	288	144	96	48	24



## 205 PVC, UPVC (PVC-U) Solvent Cement

○ Clear | ● Blue | Shelf life: 3 years | Heavy Duty - Low VOC

- Medium bodied, fast setting, high strength Low VOC solvent cement.
- Designed for all grades and types of PVC, UPVC (PVC-U) pipe and fittings through 6" (152mm) diameter Schedule 40 & 4" (101mm) diameter Schedule 80 interference fit, PVC-U PN10 & 16.
- For potable water, plumbing, irrigation, conduit, sewer, drain, waste and vent systems.
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Certified by NSF International for compliance with NSF/ANSI 14 & ASTM D-2564.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 500 cP.
- Store product below 44°C (111°F).

Size in ml.	10ml	25ml	59ml	118ml	237ml	473ml	946ml
Units per Case	25	25	24	24	12	12	6
Units per Master	800	600	288	144	96	48	24



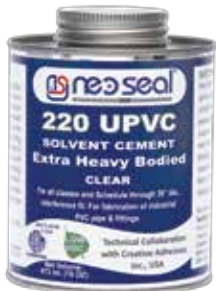
## 217 PVC, UPVC (PVC-U) Industrial Solvent Cement

○ Clear | ● Gray | Shelf life: 3 years | Heavy Bodied - Low VOC

- Heavy bodied, medium setting, high strength Low VOC solvent cement.
- Specially designed for all grades and types of PVC, UPVC (PVC-U) pipe and fittings through 12" (305mm) diameter Schedule 40 & 80 interference fit. It has a good gap filling properties.
- For potable water, plumbing, irrigation, conduit, sewer, drain, waste and vent systems.
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Certified by NSF International for compliance with NSF/ANSI 14, NSF/ANSI 61 & ASTM D-2564.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 1600 cP.
- Store product below 44°C (111°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24





## 220 PVC, UPVC (PVC-U) Solvent Cement

○ Clear | Shelf life: 1 year | Extra Heavy Bodied - Low VOC

- Extra heavy bodied, slow setting, high strength, Low VOC solvent cement for all grades and types of PVC, UPVC (PVC-U) pipe and fittings through 30" (762mm) diameter schedule 40 & schedule 80 interference fit.
- Specially formulated for large size industrial piping systems and fabrication joints. It has excellent gap filling properties.
- It can be used for potable water, irrigation, conduit, sewer, drain, waste and vent systems
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Meets ASTM-D 2564 standard requirements.**
- Brookfield Viscosity: Minimum 20,000 cP.
- Store product below 44°C (111°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24



## POOL & SPA Solvent Cement

● Blue | Shelf life: 3 years | Medium Bodied - Low VOC

- Medium bodied, fast setting, high strength, Low VOC, solvent cement for all grades and types PVC, UPVC (PVC-U) pipe and fittings through 6" (152mm) diameter schedule 40 & 4" (101mm) diameter schedule 80 interference fit.
- Premium cement specially formulated for pool & spa applications. Ideal for wet and quick pressurization conditions.
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Meets ASTM D-2564 standard requirements.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 500 cP.
- Store product below 44°C (111°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24

# PVC - IRRIGATION SOLVENT CEMENTS



## 105 - PVC Solvent Cement / Irrigation Cement

○ Clear | Shelf life: Tin Can & Tube: 2 years, Plastic Can: 1 year | High Pressure - ISI Approved

- Regular bodied, slow setting, HIGH PRESSURE, high strength cement.
- Specially formulated for all types of ISI PVC irrigation piping systems. It provides long working time to make joints in a hot climate.
- It can be used for conduit, sewer, drain, waste and vent systems.
- **Compliance with ISI - IS14182 standard.**
- Brookfield Viscosity : Min. 90 cP.
- Store product below 44°C (111°F).



Container	TUBE / HDPE CAN				HDPE CAN					TIN CAN					
Size in ml.	10ml	25ml	50ml	100ml	200ml	250ml	500ml	1000ml	5000ml	50ml	100ml	250ml	500ml	1000ml	5000ml
Units/Case	50	50	50	48	24	24	20	12	4	24	24	24	6	6	4
Units/Master	800	600	300	192	96	96	40	24	1	288	144	96	24	24	1

# CPVC SOLVENT CEMENTS



## 300 CPVC Solvent Cement

Yellow | Shelf life: 2 years | Medium Bodied - Low VOC

- Medium bodied, fast setting, high strength Low VOC CPVC solvent cement.
- Designed for all grades and types of CPVC pipe and fittings through 4" (101mm) diameter schedule 40 & schedule 80 interference fit and SDR 13.5 & 11.
- For hot & cold potable water up to 82°C (180°F)
- **Meets ASTM F-493 & ASTM D-2846 standard requirements..**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 500 cP.
- Store product below 33°C (90°F).

Size in ml.	59ml	118ml	237ml	473ml	946ml
Units per Case	24	24	12	12	6
Units per Master	288	144	96	48	24



## 305 CPVC Solvent Cement

Yellow | Shelf life: 2 years | Medium Bodied - Low VOC

- Medium bodied, fast setting, high strength Low VOC CPVC solvent cement.
- Designed for all grades and types of CPVC pipe and fittings through 4" (101mm) diameter schedule 40 & schedule 80 interference fit and SDR 13.5 & 11.
- For hot & cold potable water up to 82°C (180°F)
- **Certified by NSF International for compliance with NSF/ANSI 14, ASTM F-493 & ASTM D-2846.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 500 cP.
- Store product below 33°C (90°F).

Size in ml.	10ml	25ml	59ml	118ml	237ml	473ml	946ml
Units per Case	25	25	24	24	12	12	6
Units per Master	800	600	288	144	96	48	24



## 314 CPVC Solvent Cement

Orange | Shelf life: 2 years | Heavy Bodied - Low VOC

- Heavy bodied, medium setting, high strength Low VOC CPVC solvent cement.
- Designed for all grades and types of CPVC pipe and fittings through 12" (305mm) diameter schedule 40 & schedule 80 interference fit.
- For hot & cold potable water upto 82°C (180°F).
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Certified by NSF International for compliance with NSF/ANSI 14, NSF/ANSI 61, ASTM F-493 & ASTM D-2846.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Min. 1600 cP.
- Store product below 33°C (90°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24



## 324 - Industrial Grade - CPVC Solvent Cement

● Orange ● Gray | Shelf life: 2 years | Chemical Resistance - Heavy Bodied - Low VOC

- Heavy bodied, medium setting, high strength Low VOC CPVC solvent cement.
- Designed for all grades and types of CPVC pipe and fittings through 12" (305mm) diameter schedule 40 & schedule 80 interference fit.
- Specially formulated for CPVC OR PVC industrial piping systems which requires chemical resistance to acids, bases, caustics, hypochlorite solutions, water and aqueous salt solutions.
- **Primer is strongly recommended for pipe diameter > 3" (76mm).**
- **Meets ASTM F-493 & D-2846 standard requirements.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity: Minimum 1600 cP.
- Store product below 33°C (90°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24

## ABS SOLVENT CEMENT



### 405 MILKY ABS Cement

○ Milky | Shelf life: 2 years | Medium Bodied

- Medium bodied, fast setting, high strength ABS solvent cement.
- Designed for all classes and schedules of ABS pipe and fittings through 8" (203mm) diameter with interference fit.
- For plumbing application (DWV, sewer & drain), conduit and foam core.
- **Meets ASTM D-2235 standard requirements.**
- Brookfield Viscosity: Minimum 500 cP.
- Store product below 44°C (111°F).

Size in ml.	59ml	118ml	237ml	473ml	946ml
Units per Case	24	24	12	12	6
Units per Master	288	144	96	48	24

## PRIMER For PVC/UPVC/CPVC piping system



### P-38 PRIMER - INDUSTRIAL GRADE

○ Clear | Shelf life: 3 years | Low VOC

- Water thin fluid. Primer prepares, penetrates and softens the joining surface more rapidly than cement alone and enhances the bond strength.
- For all classes and schedules through 24" (609mm) diameter.
- For potable water, plumbing, irrigation, conduit, sewer, drain, waste and vent systems.
- **Strongly recommended for pipe size larger than 3" (76mm).**
- **Meets ASTM F-656 standard requirements.**
- Meets SCAQMD Rule 1168/316A and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity : Not Applicable (water thin).
- Store product below 44°C (111°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24



# CLEANER for PVC/UPVC/CPVC piping system



## C-35 CLEANER

OClear | Shelf life: 3 years | Low VOC



- It is specially formulated to remove grease, oil & dirt from the bonding surfaces of PVC, UPVC & CPVC pipe and fittings and prepare the surface for bonding.
- For all classes and schedules (including Sch.80) through 30" (762mm) diameter.
- For potable water, plumbing, irrigation, conduit, sewer, drain, waste and vent systems.
- Meets SCAQMD Rule 1171 and Qualify for LEED® Green Building requirements.
- Brookfield Viscosity : Not Applicable (water thin).
- Store product below 44°C (111°F).

Size in ml.	118ml	237ml	473ml	946ml
Units per Case	24	12	12	6
Units per Master	144	96	48	24

## RUBBER LUBRICANT



- For quick and easy water tight joint of PVC, SWR Ring-fit, SWR self-fit, Sewer drain piping systems for low to non-pressure application.
- Non-flammable, Non-toxic, Non-corrosive.
- Will not harm rubber gasket or plastic pipe. Non greasy mess; easy clean up.
- Safe for potable water systems. Doesn't promote bacteria growth.
- Shelf life: 1 year.
- Store product below 44°C (111°F).

Size in gm	50gm	100gm	250gm	500gm	1000gm
Units per Case	40	24	20	20	12
Units per Master	320	192	80	40	24

## THREADED SEALANT



- NeoSeal Pipe Thread Sealant is non-hardening White OR Black paste.
- For use on galvanized steel, stainless steel, iron, brass, copper, aluminum and polyethylene pipes.
- Creamy, non-separating, non-toxic formula provides excellent thread coverage.
- Withstands high temperature and pressure. It remains flexible after settings.
- Hydrostatic pressure capacity: Minimum 30 Kg/cm<sup>2</sup> (400 psi.)
- Shelf life: 1 year
- Store product below 44°C (111°F)

Size in gm	50gm	100gm	200gm	500gm
Units per Case	40	24	20	20
Units per Master	320	192	80	40

# 555 GASKET SEALANT



- It is a white or dark gray colored viscous liquid with a mild solvent odour.
- Ideal for sealing jobs in plumbing, heating, piping, air conditioning, refrigeration, automotive and number of industrial applications.
- It can be use on metals such as aluminum, galvanized steel, black iron, brass, copper, stainless steel and on plastics including PVC.
- It can be applied easily with the natural bristle brush (or provided wood stick) at temperatures between 5°C to 45°C and it can withstand temperature up to 120°C. It sets up quickly and dries to form very tough, yet flexible seal which will not harden, crack, crumble or shrink.
- Shelf life: 1 year

Size in gm	25gm	50gm
Units per Case	50	50
Units per Master	600	300

# GASKET SHELLAC COMPOUND



- Fast-drying, all-purpose sealant, dries to a highly tacky.
- Can be applied in advance for convenience in assembly.
- Resists to gasoline, oil, kerosene, grease, water, heat and pressure.
- Remains effective at temperatures -54°C to 260°C.
- Shelf life: 1 year

Size in gm	25gm	50gm
Units per Case	20	20
Units per Master	400	400

# SYNTHETIC RUBBER ADHESIVE

## SR 607 HEAT RESISTANT

Colour: Light Yellow | Shelf life: 1 year | Drying Time: Min. 5 minutes  
Tack Retention Time: Max. 30 min.



- SR 607 is a light yellow coloured, fast drying synthetic rubber adhesive. It is a specially design for the high heat (up to 170°C) application. It provides excellent heat resistance, tack and instant bonding for plywood and laminate. It is perfect adhesive for curved, bending and spherical surface for quick bonding without spring back action. Store between 2°C and 40°C.
- APPLICATION: Used for bonding plywood, furniture and footwear industries. Due to heat power it's ideal to use in the kitchen area furniture, dining table top, HVAC ducting system, chiller/hot water piping insulation, acoustic insulation, under deck insulation, thermal storage system, wall paneling for cold/hot storage etc. It is suitable for bonding laminate, leather, vinyl, metal, PVC to itself and others.
- Ideally design for vertical application.

Size in ml. / ltr.	100 ml	200 ml	500 ml	1 ltr.	5 ltr.	25 ltr.
Units per Case	24	24	12	12	2	1
Units per Master	144	96	48	24	4	1

## SR 608 - MULTI PURPOSE

Colour: Dark Brown | Shelf life: 1 year | Drying Time: Min. 6 minutes  
Tack Retention Time: Max. 30 min.



- SR 608 is a dark brown, moderate drying synthetic rubber adhesive. It is a multi-purpose adhesive suitable for bonding variety of substrates such as plywood, laminate, natural rubber, Nitril rubber, EPDM, leather, foam, vinyl, rexin, ceramic, FRP, metal, canvas etc. It has excellent bonding strength and doesn't contain benzene or hazards materials. Ideal viscosity gives superior coverage. It is good adhesive for curved, bending and spherical surface for quick bonding without spring back action. Store between 2°C and 40°C.
- APPLICATION: Widely used for furniture manufacturing for bonding laminate to wood. It used for bonding HVAC ducting system, chiller water piping insulation, acoustic insulation, under deck insulation, thermal storage system, wall paneling for cold storage, footwear, PVC flooring, carpet lying, handicraft, Upholstery, mattress etc. It is used for bonding natural rubber, nitrile rubber, EPDM, rexine, metal, wood, various insulation material, concrete to itself and each other.
- Ideally design for footwear industries.

Size in ml. / ltr.	100 ml	200 ml	500 ml	1 ltr.	5 ltr.	25 ltr.
Units per Case	24	24	12	12	2	1
Units per Master	144	96	48	24	4	1

## SR 605 - MULTI PURPOSE

Colour: Light Yellow Brown | Shelf life: 1 year | Drying Time: Min. 8 minutes  
Tack Retention Time: Max. 30 min.



- SR 605 is a light yellowish brown colour multipurpose synthetic rubber adhesive. It has excellent bonding strength and suitable for bonding variety of substrates such as rubber, leather, rexin, wood, laminate, FRP, MS, foam canvas etc. It doesn't contain benzene or hazards materials. Excellent spread ability. Store between 2°C and 40°C.
- APPLICATION: Commonly used for PVC or Vinyl flooring, foam, upholstery, bus body, HVAC insulation, duct insulation, handicraft, seat cover pasting etc. It has excellent spread-ability. High coverage on flooring up to 90 Sq. Ft. per liter depending on the floor surface and condition.
- Ideally design for carpentry.

Size in ml. / ltr.	100 ml	200 ml	500 ml	1 ltr.	5 ltr.	25 ltr.
Units per Case	24	24	12	12	2	1
Units per Master	144	96	48	24	4	1

## SR 606 - SPRAY ADHESIVE

Colour: Light Yellow | Shelf life: 1 year | Drying Time: 1-2 minutes  
Tack Retention Time: Max. 15 min.



- SR 606 is a light-yellow colored, multi-purpose fast drying sprayable synthetic rubber adhesive. It is specially designed for foam to foam bonding. It can be used for bonding variety of substrates like wood, rexin, non-woven carpet, painted metal, MS, FRP, ABS, various foam etc. It provides excellent film forming ability on various foams; high tack and immediate bonding increase the productivity in the manufacturing.
- APPLICATION: Ideal for foam to foam bonding in the manufacturing of sofa, chair, and mattress. It can be used for automobile (rood lining, door trim, non-woven carpet application), upholstery fixing and seat making, etc.

Size in ml. / ltr.	5 ltr.	25 ltr.
Units per Case	2	1
Units per Master	4	1

# SARAL SEAL EPOXY PUTTY



## Saral-Seal Regular Cure (General Purpose)

- Saral-Seal Regular Epoxy Putty Compound is a two component room temperature curing, easy to use multi-purpose epoxy putty. It useful in sealing, gripping, joining, insulating variety of surfaces like ferrous and non-ferrous metals, porcelain, ceramic, marble, concrete, granite, asbestos, glass, wood, certain plastics, etc.
- On curing, the compound sets into a hard mass that can be drilled, tapped, machined, cut and then painted. It has a good electrical insulating properties and the cured product is resistant to moisture, heat, mild acids and alkali.
- It is ideal for industrial, electrical, automotive, grouting civil cracks, general & household, handicraft applications. Resin and hardener components are equally (1:1 ratio) mixed with both hands by rolling between two palms until a dark gray colour (like dried cement mortar) is attained.
- It will cure within 60 mins. @ 27°C. Shelf life: 18 months.

Size in gm / Kg	30 gm Jar Pack	60 gm Jar Pack	100 gm Jar Pack	250 gm Std. Pack	1 Kg Std. Pack
Units per Case	44	37	20	4	1
Units per Master	528	444	240	80	20

## Saral-Seal Rapid Cure (cure in less than 30 min)



- Saral-Seal Rapid set Epoxy Putty Compound is a two component room temperature curing, easy to use multi-purpose epoxy putty. It useful in sealing, gripping, joining, insulating variety of surfaces like ferrous and non-ferrous metals, porcelain, ceramic, marble, concrete, granite, asbestos, glass, wood, certain plastics, etc.
- On curing, the compound sets into a hard mass that can be drilled, tapped, machined, cut and then painted. It has a good electrical insulating properties and the cured product is resistant to moisture, heat, mild acids and alkali.
- It is ideal for industrial, electrical, automotive, grouting civil cracks, general & household, handicraft applications. Resin and hardener components are equally (1:1 ratio) mixed with both hands by rolling between two palms until a dark gray colour (like dried cement mortar) is attained.
- Saral-Seal Rapid set is especially designed for quick repair applicant.
- It will cure within 30 mins. @ 27°C. Shelf life: 1 8 months.

Size in gm / Kg	25 gm Jar Pack	50 gm Jar Pack	250 gm Std. Pack	1 Kg Std. Pack
Units per Case	44	37	4	1
Units per Master	528	444	80	20

## Saral- Seal White Sanitary Epoxy Putty



- Saral-Seal White Sanitary Epoxy Putty Fast curing epoxy compound once mixed sets within 30 min. (@27°C), enabling you to do all your sealing, joining, building and fixing jobs.
- APPLICATIONS : Filling gaps in wash basin, wall tiles, aluminium sliding window, Sealing and repairing of overhead or flush tanks, pipelines, washbasin, fixing loose screws/nails. Building up broken and chipped parts of kitchenware, porcelain, etc.
- On curing, the compound sets into a hard mass that can be drilled, tapped, machined, cut and then painted. It has a good electrical insulating property and the cured product is resistant to moisture, heat, mild acids and alkali. It is ideal for industrial, electrical, automotive, grouting civil cracks, general & household, handicraft applications. Resin and hardener components are equally (1:1 ratio) mixed with both hands until a uniform off white colour is attained.
- Saral-Seal White Sanitary set is especially designed for quick repair applicant.
- It will cure within 30 mins. @ 27°C. Shelf life: 18 months.

Size in gm / Kg	25 gm Jar Pack	50 gm Jar Pack	250 gm Std. Pack	1 Kg Std. Pack
Units per Case	44	37	4	1
Units per Master	528	444	80	20

# WATER PROOFING

## 501 – SBR LATEX



- Ready to use bonding & waterproofing agent based on Styrene butadiene latex.
- Designed to repair spalled concrete of floors, beams, columns, roofs, slabs & to waterproof toilets, bathrooms & small terraces etc.
- For bonding to old & new concrete and to plasters, improving abrasion resistance, reducing dust pick up, shrinkage & preventing cracking.
- 7 day Compressive strength: Minimum 14 N/mm<sup>2</sup>
- Shelf life: 18 months
- Store in a cool & dry place in closed condition & away from direct sunlight.
- For application and usage detail refer product TDS.

Size in gm / kg	200 gm	500 gm	1 kg	5 kg	10 kg	20 kg	50 kg
Units per Case	24	20	12	4	1	1	1
Units per Master	96	40	24	4	1	1	1

## 502 – LATEX PRIME



- It is based on modified styrene butadiene latex used for high performance applications in waterproofing and repairs.
- Designed to repair spalled concrete of floors, beams, columns, roofs, slabs & to waterproof toilets, bathrooms, terraces, liquid & effluent tanks etc.
- For bonding to old & new concrete and to plaster, improving abrasion resistance, reducing dust pick up, shrinkage, preventing cracking, coating rebar and repairing plaster cracks.
- 7 day Compressive strength: Minimum 20 N/mm<sup>2</sup>
- Shelf life: 18 months
- Store in a cool & dry place in closed condition & away from direct sunlight.
- For application and usage detail refer product TDS.

Size in gm / kg	200 gm	500 gm	1 kg	5 kg	20 kg	50 kg
Units per Case	24	20	12	4	1	1
Units per Master	96	40	24	4	1	1

## 500 IWP (INTEGRAL WATERPROOFING COMPOUND)

### INTEGRAL WATERPROOFING COMPOUND FOR CONCRETE & PLASTER



- Specially formulated integral liquid waterproofing compound composed of polymers, additives & surface active plasticizing agents.
- Designed to use as an additive for cement concrete, mortar & plaster. It makes concrete cohesive & prevent segregation.
- For waterproofing of concrete, sand-cement mortar and plaster used in roof slabs, screeds, sumps & drains, basements, water tanks, water retaining structures, bathrooms & balconies, external plastering.
- 7 day Compressive strength: Minimum 17 N/mm<sup>2</sup>.
- Shelf life: 18 months.
- Store in a cool & dry place in closed condition & away from direct sunlight.
- For application and usage detail refer product TDS.

Size in ml / Ltr.	200 ml	500 ml	1 Ltr.	5 Ltr.	10 Ltr.	20 Ltr.	50 Ltr.	100 Ltr.
Units per Case	24	20	12	4	1	1	1	1
Units per Master	96	40	24	4	1	1	1	1



# BALL VALVE

- Easily use these for managing irrigation of large farms and industrial irrigation needs.
- Long handle help to adopt sustainable measures and ensures protection against corrosion and ultraviolet radiation.
- M S Plate helps faster handling in the fields.
- High-Quality materials and equipped with powerful bolts.
- Can withstand 100 Psi pressure at 23°C.
- 100% leakproof.
- Zero-maintenance.
- Corrosion-free.
- Easy Movement of Ball Valve handle.
- Meets ASTM F 1970 & ASTM D 2467.



## UPVC BALL VALVE

### GOLD STAR + LONG HANDLE

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)	2 ½" (63mm)	3" (75mm)
Units per Case	15	10	8	5	4	2	2	2
Units per Master	450	300	184	100	72	78	30	16



### GOLD STAR + THREADED

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	15	10	8	5	4	2
Units per Master	90	70	40	30	20	16



### GOLD STAR LONG HANDLE with BOX

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	96	53	36	20	16	8
Units per Master	384	212	144	80	64	32



### M. S. HANDLE

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	15	10	8	5	4	2
Units per Master	360	240	160	100	80	48



### SHORT HANDLE

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	15	10	8	5	4	2
Units per Master	360	240	160	100	80	48

## CPVC BALL VALVE



### GOLD STAR + LONG HANDLE

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	20	15	10	5	4	2
Units per Master	340	240	180	100	60	48



### GOLD STAR LONG HANDLE with BOX

Size in mm/inch	½" (15mm)	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	84	53	36	20	16	8
Units per Master	336	212	144	80	64	32



### LONG HANDLE

Size in mm/inch	¾" (20mm)	1" (25mm)	1 ¼" (32mm)	1 ½" (40mm)	2" (50mm)
Units per Case	15	10	5	4	2
Units per Master	360	240	120	92	48

## RIGID PVC BALL VALVE



### GOLD STAR +

Size in mm/inch	½" (20mm)	¾" (25mm)	1" (32mm)	1 ¼" (40mm)	1 ½" (50mm)	2" (63mm)	2 ½" (75mm)	3" (90mm)
Units per Case	15	10	8	5	4	2	2	2
Units per Master	450	300	184	125	80	48	26	16



### GOLD STAR + THREADED

Size in mm/inch	½" (20mm)	¾" (25mm)	1" (32mm)	1 ¼" (40mm)	1 ½" (50mm)	2" (63mm)	2 ½" (75mm)
Units per Case	15	10	8	5	4	2	2
Units per Master	450	300	184	125	96	50	24



### GOLD STAR with BOX

Size in mm/inch	½" (20mm)	¾" (25mm)	1" (32mm)	1 ¼" (40mm)	1 ½" (50mm)	2" (63mm)
Units per Case	-	-	-	-	-	-
Units per Master	300	250	150	100	60	40

# TEFLON (PTFE) TAPES



## Standard Quality PTFE Tape - White

- Self-Lubricating, non-hardening, non-toxic, non-flammable tape.
- Fills irregular voids between threads.
- Easy to assemble and disassemble.
- **Meets US Federal Specification MIL – T - 27730A.**

Size in mtr.	12mm x 0.085mm x 10mtr.
Units per Case	250
Units per Master	1000



## Premium Quality PTFE Tape - White

- High density - Premium Quality.
- Self-Lubricating, non-hardening, non-toxic, non-flammable tape.
- Fills irregular voids between threads.
- Easy to assemble and disassemble.
- Offers positive pressure seal up to 3 ton (depending on material).
- Temperature rage from -265°C to +260°C.
- **Meets US Federal Specification MIL – T - 27730A.**

	Size in mtr.	Units per Case	Units per Master
<b>Premium 5 Meters</b>	12mm x 0.09mm x 5mtr.	250 (Pouch Pack)	1000
<b>Premium 10 Meters</b>	12mm x 0.10mm x 10mtr.	250 (Box Pack)	1000
<b>Premium 10 Meters</b>	19mm x 0.10mm x 10mtr.	250 (Box Pack)	1000
<b>Premium 12 Meters</b>	12mm x 0.10mm x 12mtr.	250 (Box Pack)	1000
<b>Premium 15 Meters</b>	12mm x 0.10mm x 15mtr.	250 (Box Pack)	1000



## Premium Quality PTFE Tape - Yellow

- High density - Premium Quality.
- Self-Lubricating, non-hardening, non-toxic, non-flammable tape.
- Fills irregular voids between threads.
- Easy to assemble and disassemble.
- Offers positive pressure seal up to 3 ton ( depending on material).
- Temperature rage from -265°C to +260°C.
- **Meets US Federal Specification MIL – T - 27730A.**

	Size in mtr.	Units per Case	Units per Master
<b>Premium 10 Meters</b>	12mm x 0.10mm x 10mtr.	250 (Shrink Pack)	1000
<b>Premium 10 Meters</b>	12mm x 0.15mm x 10mtr.	250 (Box Pack)	1000



# MASKING TAPE



- Best Quality Strong Adhesive
- Extra Gunning. For Industrial Use. Moisture Proof.
- High Tensile Strength Film
- Suitable for Hardware, furniture, paint & automobile industry.
- Conform to almost all surfaces good holding power
- No residue transfer on removal.

Size in mtr.	18mm x 20 mtr	24mm x 20 mtr	24mm x 25 mtr	24mm x 40 mtr
Units per Tube	8 Rolls	6 Rolls	6 Rolls	6 Rolls
Tubes per Master	24 Tubes	24 Tubes	24 Tubes	24 Tubes

## SOLVENT CEMENT SELECTION

Proper selection of solvent cement depends on the

- Pipe size,
- Pipe material (PVC, CPVC, or ABS),
- Ambient temperature,
- Piping system application.

The heavier bodied (higher viscosity) your cement is, the slower it will dry and the greater its gap filling properties – a necessity in larger diameter piping systems.

### REGULAR BODIED CEMENT

for pipe size up to 4"



### MEDIUM BODIED CEMENT

for pipe size up to 6"



### HEAVY BODIED CEMENT

for pipe size up to 12"



# HOT WEATHER TIPS



By following a few precautions such as the ones below, successful leak-proof joints can be made even in the most extreme hot weather conditions.

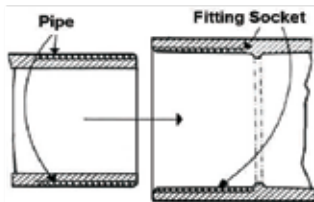


Store solvent cements and primers in a cool or shaded area prior to use. Make sure that both pipe and fittings have been sufficiently exposed to the same ambient temperature. Assemble pipe and fittings in shade if possible.

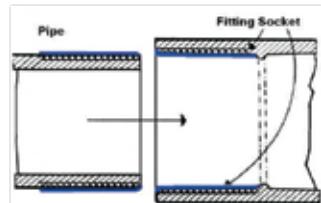


Use primer along with cement, which will allow slightly longer working times. Work quickly to assemble pipe and fitting immediately after solvent cement is applied and still wet.

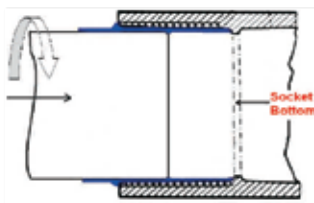
## PRINCIPLE OF SOLVENT CEMENT



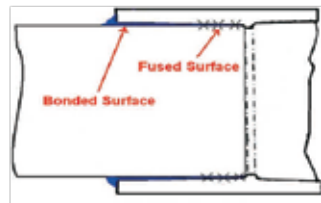
1. Area of pipe & fitting to be softened by solvent cement



2. Apply a layer of cement in the fitting socket, and a layer of cement on the pipe. Sufficient cement should be applied for proper gap filling.



3. Assemble the pipe and fitting while the surface is wet. Rotate the pipe up to  $\frac{1}{4}$  turn, and push in to the socket until it reaches to the bottom of the socket.



4. The interference fit design allows the pipe and fitting to fuse together. The bond is created in the loose section of the joint. Joint strength develops as cement dries.



# SET TIME & CURE TIME

## Average initial set time schedule for NeoSeal UPVC / CPVC Cements\*

Temperature Range	Pipe sizes ½"(20mm) to 1¼"(40mm)	Pipe sizes 1½"(50mm) to 2"(63mm)	Pipe sizes 2½"(75mm) to 6"(160mm)	Pipe sizes 2½"(75mm) to 12"(315mm)	Pipe sizes 12"(315mm) Plus
20°- 45°C (68°- 113°F)	2 Minutes	5 Minutes	30 Minutes	2 Hours	4 Hours
5°- 20°C (41- 68°F)	5 Minutes	10 Minutes	2 Hours	6 Hours	12 Hours
0°- 5°C (32°- 41°F)	10 Minutes	15 Minutes	12 Hours	24 Hours	48 Hours

\*Note: Initial set time is the necessary time to allow before the joint can be handled.

## Average initial cure time schedule for NeoSeal UPVC / CPVC Cements\*

Temperature Range (during assembly)	Pipe sizes ½"(20mm) to 1¼"(40mm)		Pipe sizes 1½"(50mm) to 2"(63mm)		Pipe sizes 2½"(75mm) to 6"(160mm)		Pipe sizes 8"(200mm) to 12"(315mm)
	Up to 11 Kg/cm² (160 psi)	11 to 26 kg/cm² (160 to 370 psi)	Up to 11 Kg/cm² (160 psi)	11 to 22 Kg/cm² (160 to 315 psi)	Up to 11 Kg/cm² (160 psi)	11 to 22 Kg/cm² (160 to 315 psi)	Up to 7 Kg/cm² (100 psi)
20°- 45°C (68° – 113°F)	15 min	6 hrs	30 Min	12 hrs	1½ hrs	24 hrs	2 days
5°- 20°C (41- 68°F)	20 min	12 hrs	45 min	24 hrs	4 hrs	2 days	4 days
0°- 5°C (32°- 41°F)	30 min	48 hrs	24 hrs	96 hrs	72 hrs	8 days	8 days

\*Note: Joint cure time is the necessary time to allow before pressurizing system.

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

## Average number of joints per pint (473 ml) for UPVC / CPVC\*\*

Pipe Diameter	½" (20mm)	¾" (25mm)	1" (32mm)	1½" (50mm)	2" (63mm)	3" (90mm)	4" (110mm)	6" (160mm)	8" (200mm)	10" (250mm)	12" (315mm)
Number of Joints	150	100	62	45	30	20	15	5	2½	1½	¾

\*\* Above figures are estimate based on the laboratory test. Due to the number of variation in the field, these figures should be use as a general guide only.



Plot No. 628/7, GIDC Savli, At. Manjusar,  
Vadodara-391775, Gujarat, India.  
CIN: U24295GJ2011PTC066767  
Mobile: +91 - 9099935744 | 9099708551  
Email: info@neoseal.net | order@neoseal.net  
**Visit us @ [www.neoseal.net](http://www.neoseal.net)**