

# SCG



## SOLVENT CEMENT

FOR PVC PIPE AND FITTING

TIGHTLY FITTING WITH  
SPONTANEOUS SOLUBILITY



The Nawaplastic Industries (Saraburi) Co., Ltd. is one of companies in Siam Cement Group (SCG), a pipe manufacturer named "SCG Pipe" since 1970 with long experience and high determination to correspond various needs and customers' satisfaction. In order to be a market leader in pipe & fitting system such as water supply & drainage system, hot water system, electrical & communication system, agricultural water system, and public utility system, we are focusing on continuously developing product quality and product itself having more variety to fulfill convenience on all piping systems.

### SCG SOLVENT CEMENT

SCG Solvent Cement has higher PVC solubility than others. Due to three composition, Methylethylketone, Tetrahydrofuran, and Cyclohexanone, you can be confident PVC pipe and fitting could joint together intimately

#### "BEST OF CLASS" STANDARD

##### Higher quality

- \* Quality controlled by specialist team in every process from materials check until products delivery to your hands.
- \* Since the products are manufactured by global standard hi-tech machines, all are high quality and ecology.

##### Better service

- \* Before and after-sale service by professional team.
- \* Quick delivery service in all countries' areas.

##### More readiness

- \* Sufficient manufacture ability to correspond to customers' needs from both domestic and overseas.
- \* Variety of package, sockets and other parts sufficient to the customers' demands. Having global alliance to support and fulfill
- \* entire production such as HENKEL (worldwide level leader in chemicals and adhesives products) and SEKISUI CHEMICAL, etc.

### FEATURE OF SCG SOLVENT CEMENT (HIGH PRESSURE) FOR HIGH PRESSURE WORK



#### Suitable for high pressure

It is durable high pressure maximum to 16 Bar, so it fits for high-quality project such as high building or swimming pool.



#### Capable for melting and joint the pvc pipes and the fitting

With SCG solvent cement is special to PVC, you can confident in your desired work.



#### Suitable for urgent repair

It is able to rapidly adjoin with the pipe, so it fits for any urgent



#### International Quality & Standard

SCG solvent cement (high pressure) has been approved from both domestic and overseas such as ASTM D2564, BS 4346, DIN 169790, and TIS 1032-2534.

### FEATURE OF SCG SOLVENT CEMENT (STANDARD) FOR REGULAR PRESSURE WORK



#### Suitable for general work

It is durable for the water pressure in normal use such as the water supply system in house and lowrise building



#### Suitable Concentration Adjustment

Due to the concentration of SCG Solvent Cement is suitable, it is able to adjust after connect it together



#### Spontaneously PVC soluble

Due to SCG Solvent cement is spontaneously soluble to PVC, you can confident work



#### Thai Industrial Standard

SCG solvent cement (Standard) has been approved from Thai Industrial Standard No. TIS 1032-2534

	<b>CAUTION</b>
<p>1. wear gloves, eyeglasses, and cloth mask before using. 2. read instructions before using. 3. use with standard equipments only. 4. beware to touch skins, eyes, or smell. 5. use for connecting pipes and fittings only. 6. don't burn or dry with other products. 7. keep in cool place and away from fire. 8. can use solvent immediately with out mixing with another substance. 9. close lid tightly after using.</p>	

## SCG SOLVENT CEMENT

### SCG SOLVENT CEMENT FOR PVC PIPE (HIGH PRESSURE)

Under Thai Industrial Standard of No. TIS 1032-2534  
International Standard of RATM 02564, BS 4346, and DIN 169790



#### Initial Test for Solvent Cement Efficiency

Apply solvent cement to both pipe and fitting and wait for 15 min, then scrape it off by using rigid item sucha knife pieces of PVC pipe come off, that means solvent cement can melt the surface of

### USE VOLUME OF SOLVENT CEMENT FOR PVC PIPES FITTING

#### High Pressure

For High Pressure Work

Net Volume

Tube 125 g  
Can 250, 500 and 1,000 g



PVC Pipe  
Size (mm)

Number of pipe Ø using of  
Solvent Cement

15(3/8") 450

18(1/2") 300

20(3/4") 200

25(1") 120

35(1 1/4") 90

40(1 1/2") 55

55(2") 37

65(2 1/2") 25

80(3") 18

100(4") 13

125(5") 10

150(6") 6

200(8") 4

250(10") 3

300(12") 2

400(16") 1

### SCG SOLVENT CEMENT FOR PVC PIPE (STANDARD)

Under Thai Industrial Standard of No. TIS 1032-2534



#### Transparent Type

For Regular Pressure Work

Net Volume

Can 50, 100, 250  
500 and 1,000 g



PVC Pipe  
Size (mm)

Number of pipe Ø using of  
Solvent Cement

### Solvent for SCG eco value

#### Eco use: good for health

SCG solvent cement has VOCs level less than  
general solvent cement at least 80 %\*



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\*VOCs is for value of volatile organic compound (volatile matters),  
which is volatilized from the products. It is harmful for respiratory.

The VOCs standard value, which is safe for user determined not  
over than 510 g/l.

Note: Average thickness of solvent cement on the pipe  
surface at approximately 0.4 mm. is applicable on the pipe  
at the surface area approximately 2.25 square meters  
(excluding dried solvent cement etc. 10%).



### How to weld SCG PVC pipes and fittings with SCG PVC Solvent Cement.



1. Cut the pipes squarely with a hacksaw or a PVC pipe cutter.



5. Apply SCG PVC Solvent Cement inside of fittings and outer surface of the pipes.



2. Chamfer pipes edge smooth with the file with a slope of 15°.



6. Push pipes end firmly into the fittings to the marked position and press it for about 15 seconds.



3. Measure the pipes by inserting into the fittings and mark the position.



7. Wipe off excessive "SCG PVC Solvent Cement" and leave to dry for approximately 10 minutes before use.



4. Clean the inside of the fittings and pipe end with PVC cleaner agent to remove oil film, dust and moisture.