

## 使用注意事项

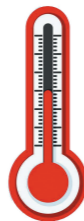
桶槽安装、配管完成之后，请再依据本篇注意事项说明逐一进行确认作业。  
如有疑问或不明之处，请参照本公司样本目录或与本公司直接询问。

### 1. 满水测试：

- 使用前请进行满水测试，以确认各接续部位或桶身无渗漏情形。满水测试后请完全将槽内水分去除拭干。
- 避免部分药液(硫酸类等)，会与残液造成化学反应，导致桶槽变形或溶解等造成重大危险事故。

### 2. 建议使用温度：

- PE单体桶槽...40℃内，加补强套之PE桶槽...60℃内。
- 最高使用温度建议是以水为基准，实际装载的药液使用温度请参阅PE耐药性表。



### 3. 通气孔：

- 通气孔的作用在于调整桶内的气压于正常大气压力之下。当密闭下对桶槽内进行加压，会造成桶体的膨胀；抽取槽内空气造成减压情况，会使桶顶塌陷及桶身变形。
- 使用时请注意桶槽于以上压力值范围内。

### 4. 输送与填充：

- 通气孔务必保持通畅。如因避免桶槽内溶液(如盐酸等)产生的气体影响环境，建议加设通气孔空气处理设备。
- 当桶内溶液因为输送液体逐渐变少时，输送管会因为空气的混入而产生震动情况；此时应当关闭阀门并停止抽水马达，待恢复之后再开放少量的阀门让残液输送。抽水马达如果持续空运转，容易造成桶槽剧烈变形以及桶顶破坏等情形。

### 5. 严禁烟火：

- 桶体材质为聚乙烯(PE)制成，严禁靠近火源，进行补强套焊接加工工作时，请远离桶槽避免燃烧。



### 6. 正常检查：

- 桶槽本体、配管以及附属零件，应定期实施检查。如发现异常情况时，请停止使用，立即排除异常待恢复正常确保安全后再使用。
- 进入桶槽内之前，请确实清洗桶槽内部。并且桶内与户外空气充分循环，使用剂量器确认无误之后才可进入。

### 7. 使用条件变更时请与我们洽谈：

- 使用条件(药液种类、浓度、比重、液温)如有变更之计划，请先与本公司进行洽谈，以便对耐药品性进行核实！



## The use of Attention to Matters

Use precautions for PT-type chemical storage tank

After the tank is installed and tubed, carry out the following confirmation operations according to precautions hereunder.

In case of any question or confusion, please refer to the catalogue of the Company or direct consult the Company.

### 1. Full-water testing:

Before the use, please carry out the full-water testing to ensure there is no leakage in all connecting parts or tank body. After the full-water testing is over, please completely wipe off water in the tank.

Avoid using some chemical solutions (such as sulfuric acid, etc.), which may chemically reacts with the residual solution, leading to the deformation or dissolution of the tank and other major dangerous accidents.

### 2. Suggested use temperature:

As for the single PE tank... the temperature should be lower than 40℃, and for the PE tank with reinforced sleeve, the temperature should be lower than 60℃.

The suggested maximum temperature is for water. Please refer to Table for Chemicals Resistance of PE for the actual use temperature of contained chemical solution.

### 3. Ventilating holes:

The ventilating holes are used to adjust the air pressure in the tank to the normal atmospheric pressure. When pressurized, the confined tank will swell. When depressurized by pumping air out, the tank top will sunken and the tank body will deform.

Please note that the internal pressure of tank should be within the pressure range above.

### 4. Conveying and filling:

It is necessary to keep the ventilating holes clear. To avoid the environmental impact by gas generated by solution (such as hydrochloric acid, etc.) in the tank, it is suggested to set the air treatment equipment at ventilating holes.

When solution in the tank decreases due to the conveying, if there is vibration as air enters the conveying pipe, the valve should be turned off and pump motor should be shut down at that time and slightly turn on the valve to convey residual solution after the vibration disappears. If the pump motor keeps running idly, the tank may deform seriously, the tank top may be broken, etc.

### 5. Smoking and fire forbidden:

As the tank body is made of PE, it should be kept away from fire source. In addition, welding and processing of the reinforced sleeve should be done in the place away from the tank for fear of ignition.

### 6. Routine inspection:

Regularly inspect the tank body, tubing and auxiliary parts. If any abnormality is found, please stop using the tank. The tank cannot be used until abnormality is eliminated and the tank gets normal and safe.

Before entering the tank, please carefully clean the inside of tank and fully circulating the air between the tank and the outdoor. Only after the tank is confirmed to be Ok, can the personnel enter the tank.

### 7. Please contact with us in case of any change of the use condition:

If it is planned to change the use condition (type, concentration, specific gravity, temperature of chemical solution), please negotiate with us to verify the resistance to chemicals!