

# Higlue 574 Plane Sealant

Technical Data Sheet  
Jiangxi Gooz Adhesive Co.,Ltd

Product name:HiGlue 574 Plane Sealant  
Producer:Jiangxi Gooz Adhesive Co.,Ltd  
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## PRODUCT DESCRIPTION:

Gasketing Product - general purpose. Ideal for use on machined and rigid metal flanges

Higlue 574 seals close-fitting joints between rigid metal faces and flanges. The product cures when confined in the absence of air between close-fitting metal surfaces. It provides resistance to low pressures immediately after assembly. Typically used as a form-in-place gasket on rigid flanged connections. The nature of 574 reduces the migration of liquid product after application to the substrate. It has a high oil tolerance and excellent water and glycol resistance.

- Excellent water and glycol resistance
- Ideal for use on rigid metal parts, e.g. cast iron components and pump housings
- High oil resistance

## PRODUCTION INFORMATION:

Model	Higlue 574
Color	Orange
Fixture Time	15.0 - 45.0 min.
Gap Fill,Unprimed	0.25 mm
Operating Temperature	-55.0 - 150.0 °C
Substrates	Metal: Aluminum, Metal: Steel
Viscosity	20,000~40,000 mPa·s (cP)
Capacity	50ml 300ml

Technology	Acrylic
Physical Form	Gel
Lab Shear Strength	8.5 N/mm <sup>2</sup>

## **DIRECTIONS FOR USE:**

### **1. Preparation - Cleaning**

Apply 790 to old gasket or gasket sealants and use a wood or plastic scraper to remove residues from flange surfaces. Remove burrs. It is recommended to use 7070 to degrease and clean surfaces prior to applying the sealant.

### **2. Preparation - Activation**

If cure speed of 510 is too slow due to passive metals or low temperature (below 5°C), use SF 7649 activator. Allow to dry.

### **3. Application**

Apply a continuous bead of sealant onto one flange surface. Place the bead close to the inner rim of the flange and encircle all bolt holes. Small surface scratches will be filled by the adhesive. 510 can also be applied by roller onto larger flanges.

### **4. Assembly**

Assemble flanges and tighten bolts as soon as possible. Wipe away any excess squeeze-out, as this will not cure when exposed to air due to the sealant's anaerobic curing properties.

### **5. Disassembly**

Disassemble bolts with standard hand tools. Use jacking-screws, cast-on bosses or recesses to lift flanges apart. Once disassembled, apply SF 790 on old sealant and use a wood or plastic scraper to remove residues from flange surfaces.

### **Clean-up**

1. Cured product can be removed with a combination of soaking in a solvent and mechanical abrasion such as a wire brush.

### **Storage**

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container.