

# Higlue 510 Plane Sealant

Technical Data Sheet  
Jiangxi Gooz Adhesive Co.,Ltd

Product name:HiGlue 510 Plane Sealant  
Producer:Jiangxi Gooz Adhesive Co.,Ltd  
Address:Bldg, B3, Gongye Road, Lutang Village, Yining Town, Xiushui County, Jiujiang, Jiangxi China  
FAX:+86 07927662665

## PRODUCT DESCRIPTION:

Higlue 510 is a high temperature and chemical resistant gasketing product that is ideal for use on rigid flanges.

Higlue 510 is a high temperature resistant anaerobic sealant which cures when confined in the absence of air between close-fitting metal surfaces. Typical applications include sealing rigid flange faces on transmissions and motor casings. It ensures an instant, low-pressure seal. The product increases the torque capacity of assembled flanges.

- For metal flanges
- High temperature resistant flange gasket
- Adapts to flange surface irregularities and scratches up to 0.25 mm
- Increases the torque capacity of assembled flanges

## PRODUCTION INFORMATION:

Model	Higlue 510
Color	Pink
Fixture Time	25.0 min.
Gap Fill,Unprimed	0.25 mm
Applications	For Close Fitting Parts, For High Temperature Applications, Rigid Assembly Gasketing, Sealing
Key Characteristics	Chemical Resistant, For machined, rigid flanges, Strength: Medium Strength, Thixotropic

Operating Temperature	-55.0 - 200.0 °C
Substrates	Metal: Aluminum, Metal: Steel
Viscosity	90000.0 mPa·s (cP)
Capacity	50ml 300ml
Technology	Acrylic
Physical Form	Gel

## **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.