

Higlue 5699 Silicone Sealant

Technical Data Sheet
Jiangxi Gooz Adhesive Co.,Ltd

Product name:HiGlue 5699 Silicone Sealant
Producer:Jiangxi Gooz Adhesive Co.,Ltd
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PRODUCT DESCRIPTION:

Higlue 5699 is a water/glycol resistant gasketing product, ideal for use on flexible flanges, machined or cast surfaces, metal or plastic.

Higlue 5699 is a flexible silicone sealant and cures on exposure to moisture in the air to form a tough rubber gasket. The product is designed primarily for flange sealing with excellent oil resistance or rigid flange sealing for example on transmissions and cast metal housings. It is tack-free after just 10 min. The product is water-glycol resistant and can be used on machined or cast surfaces, metal or plastic.

- Ideal for sealing all types of flanges including stamped sheet metal covers where water-glycol resistance is required
- Tack-free after 10 min.

PRODUCTION INFORMATION:

Model	Higlue 5699
Color	Gray
Extrusion Rate	200.0 g/min.
Key Characteristics	Oil Resistance: Increased Oil Resistance
Operating Temperature	-55.0 - 200.0 °C
Substrates	Metal, Plastic
Tack Free Time	30.0 min.
Hardness(shore)	A45-75

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.