

HiGlue Flange sealant adhesive

Product Application

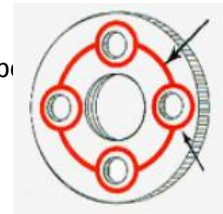
The use of traditional pre-cut gaskets, such as asbestos gaskets, rubber gaskets, paper gaskets, metal gaskets, etc., will cause permanent deformation and leakage due to thermal expansion, cold shrinkage, and aging. The use of anaerobic sealing materials can not only omit A large number of pre-cut gaskets are stocked, with good sealing properties, excellent pressure resistance, heat resistance, and corrosion resistance. There is no slack or shrinkage due to changes in operating temperature, and only the gap outside the contact point of the two sealing surfaces is filled to make 100% contact between the sealing surfaces, thereby providing a more reliable seal than the pre-cut gasket. With the use of anaerobic sealing materials, there is now the emergence of leak-free machines, and the service life of machines and equipment is prolonged.

Operating principle

It is initially applied in a liquid form on one surface of the flange joint. When the parts are assembled, the sealing material is formed on the spot to flow into the gap between the dents and the scratches to achieve 100% contact between the metal and the metal. Under oxygen-deficient conditions and under the action of metal ions, after a period of time, a durable sealing ring is formed after curing. The extruded part is not cured because it is exposed to the air and can be easily removed.

How to use

1. Acetone cleans oil stains and residual colloids.
2. Apply glue on one side to form a continuous closed glue line, enclosing the parts to be sealed.
3. Align and close, tighten the screws to avoid misalignment.
4. Let it stand for 30-60 minutes for positioning, 4 to 6 hours for curing, with a pressure of more than 300kg/cm².



510 Pink	50ml 300ml	High temperature resistance (204°C), thixotropic viscosity, good chemical resistance, rigid adhesive layer. Used for sealing of high temperature working plane and tightly matched flange surface of rigid structure. Typical use: Sealing on the separating surface of engine gearbox, separating surface of crankcase, cover plate, etc.
515 Fluorescent purple black	50ml 300ml	General purpose, thixotropic viscosity, flexible adhesive layer, good chemical resistance, non-corrosive, low elongation Used for flat sealing where flange deformation is not large during work. Typical use: plane sealing of drive axle planes, gearboxes with large load-bearing capacity, pipe flange surfaces, etc.
518 Fluorescent Red	50ml 300ml	General purpose, thixotropic viscosity, non-corrosive, good chemical resistance, excellent fluid resistance, good flexibility, easy to disassemble and clean Especially suitable for aluminum plane sealing. Typical use: Motor planes of automobiles and motorcycles, etc.
574 Orange	50ml 300ml	General purpose, high oil tolerance, excellent water and glycol resistance. Ideal for use on rigid metal parts. Typical use: cast iron components and pump housings