

## Product Description:

**GAZ-CS02** is an 100% RTV (Room Temperature Vulcanizing) silicone - Industrial Strength.

Temperature range: -62 °C to 343°C, insulates Electrical Component Bonds most materials, similar or dissimilar (Glass, Wood, Metal, Rubber, etc) is used extensively in: Automotive & Transportation, Industrial & Institutional Maintenance, Electrical equipment & machinery, Construction, Refrigeration & Metalworking, Heating & Air conditioning, Insulation & Encapsulation process, Petroleum & Chemical plants, Electric power facilities, Home maintenance and Repairs.



**GAZ-CS02** is great for making replacement or custom gaskets and seals for all types of motors, transmissions, gear housing, pumps, power tools, machinery, etc. It is better than conventional gaskets because it fills in surface defects and other irregularities.

**GAZ-CS02** can be used to seal heating, ventilating, or air conditioning duct work. **GAZ-CS02** seals cracks or gaps around windows, ducts, vents, doors, machinery, truck cabs trailers, fixtures, lights, walls, bathtubs, sinks, etc. it can be used too to waterproof electrical connections and boxes. It will seal out water from compartments in machinery such like; compressor Gear boxes, Covers, Pumps, Oil Pans, as well as seal holes where wire tubing or refrigeration lines run through walls.

**GAZ-CS02** as a flexible adhesive, versatile **GAZ-CS02** will easily bond dissimilar and similar materials. Provide excellent adhesion to clean metal, glass, most types of wood, ceramic, porcelain, painted and many plastic surfaces. It will bond gaskets in heating and refrigeration units.

**GAZ-CS02** as a specialty sealant / adhesive to seal or coat components exposed to moisture, vibration, UV light, shock, certain fuels, oils, solvents, chemicals and corrosives for a long period of time. This product can be used in as a formed-in-place gasket where irregular shapes and harsh conditions reject ordinary seals. It is also effective for repairing electrical insulation, sealing insulators and entrance ports to transformers.

## Applications:

Surface must be clean, dry and free of oils, and dust for best adhesion. A 1/16" to 1/8" bead dries in one hour, cures in 24 hours and reaches optimum strength in 7 days. Ideal for use wherever a strong, permanently elastic weatherproof adhesive, sealant, or caulk is needed.

**GAZ-CS02** meets FDA Reg. No.21 CFR 177-2600 and MIL - A - 46106 Specs. Federal Specs... T1-001543a (COM-NBS) TT00230C (COM-NBS). Color available; **Clear, White, Blue, HI-TEMP Red** (withstand temperature from - 80 °F to + 600 °F), **Black RTV** (meets GM\* Specification requirements for Oxygen sensor equipped engines, Hot Oil Resistant, Ethylene Glycol Resistance), and **Aluminum**.

## Physical Data:

Vulcanized Rubber Measured after curing for 7 days at 23°C in 50% RH

Tensile strength (DIN 53504 S2)	approx.2 MPa
Elongation at Break (DIN 53504 S2)	ca.300%
Hardness Shore A (DIN 53505)	30 to 40
100% Module (DIN 53504 S2)	approx 0.6 MPa
Shear Strength (aluminum) (DIN 53283)	approx 0.9 MPa
Shear Strength (Cr/Ni steel) (DIN 53283)	approx 0.8 MPa
Dielectric Constant (DIN 53453)	ca.2.9
Dielectric Factor (DIN 53483)	ca.19.10
Volume Resistivity (DIN 53482)	ca.1.10 ohm.cm
Dielectric Strength (DIN 53481)	21 kv/mm

