



Aero Black Silicone

Technical Data Sheet

Rev 02/22

PRODUCT DESCRIPTION: Aero Black is a single component, non-slump, paste-like RTV (Room Temperature Vulcanizing) silicone designed for a wide variety of sealing and adhesive applications. It cures at room temperature by reaction with moisture in the air to produce a durable, flexible silicone rubber. Aero Black Silicone can be used in a variety of sealing and bonding applications such as space-filling rubber adhesive or formed-in-place gaskets. Aero Black Silicone resists aging and weathering without hardening, shrinking or cracking.

WORKS BEST ON: Use to replace cork, felt, rubber, paper, asbestos and silicone gaskets. Use on valve covers, timing gear covers, oil pans, transmission pans, differential covers, water pumps, thermostat housings.
(OEM Approved = Original Equipment Manufacturer Approved)

PRODUCT FEATURES:

Tensile Strength: 310 psi
Silicone is Non-Flammable
(Product is an aerosol can, contents under pressure)
Low Volatile, Oxygen Sensor Safe
Color: Black
Weatherproof and watertight seals
Set Time: 8 – 10 Minutes
Full Bond: 12 – 24 Hours (Cure times will vary with temperature, humidity and gap)
Temperature Range: Continuous: -76°F to 350°F
Intermittent: -100°F to 625°F
Chemical Solvent Resistance: automotive fluids such as oil, water and antifreeze mixtures
NOT RECOMMENDED for use on parts in constant contact with gasoline.
Storage: Store in a cool, dry environment. Do not store above 120°F.

SURFACE PREPARATION: Protect work area from accidental spills. Clean surface with a residue-free solvent to remove grease, oil, dirt or other contaminants.

REMOVAL METHODS: (test inconspicuous area of item to be sure chemicals do not harm surface)

Before cure: Scrape off excess with a knife or non-flammable cleaning fluid. If skinned over, break film with a dry cloth and remove as much as possible. Remove any remaining material with a gasket remover.

After cure: Scrape or peel off, then solvent clean surface.

HELPFUL HINTS: Clean and dry surfaces thoroughly. Apply a thin even bead (1/8") to one surface. Wait 10 minutes until sealant skins before assembling. For temporary assemblies, apply a light coat of oil to uncoated surfaces, then assemble. Clean excess with a knife. Replace cap after use. Sealant is fully cured in 12-24 hours.

Do not use in totally confined spaces. Aero Black Silicone requires atmospheric moisture to cure. Aero Black Silicone is not recommended for applications involving: prolonged water immersion, porous surfaces, surfaces that will be painted (paint all surfaces prior to applying silicone.)

Note, the curing process of Aero Black Silicone can cause corrosion to some surfaces. For critical applications refer to our Mega Silicones, which are non-corrosive, low odor and low volatile.

For storage: after use, create a silicone plug by pushing excess material to extend beyond the extension nozzle and allow to cure (this will seal and protect unused product). To reuse, simply remove the cured "plug" from tip.

See MSDS for more complete information, safe handling instructions and first aid.

Consumer Commodity ORM-D

Part Number(s): 27388



The technical data contained herein are intended as a reference only