PARR Technologies, LLC *Technical Data Sheet*

PARR™ General Purpose Silicone

SI-7000 Clear SI-7124 Aluminum
SI-7126 Black SI-7770 White

DESCRIPTION

PARR General Purpose Silicone is a 100% medium modulus, one-component caulking material that cures to form a tough, rubbery solid upon exposure to moisture in the air. PARR silicone does not flow under its own weight, and can be applied overhead or on sidewall joints and surfaces without sagging or slumping. It adheres to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber, painted surfaces and many plastics. PARR silicone has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in sub-zero weather without loss of properties and is effective to -46°C (-50°F).

PRODUCT USES

PARR General Purpose Silicone can be used for caulking and sealing around bathtubs, shower stalls, bathroom vanities, kitchen counters, sinks, windows and doors; waterproofing gutters and soffits; replacing ceramic tiles; making new gaskets for dishwasher doors; sealing windshields in cars, vans and boats; repairing or installing body-side molding; making gaskets; and sealing water pump or thermostat housings... any application that requires a permanently flexible waterproof seal that will withstand moisture, heat and vibration.

PARR General Purpose Silicone meets the following specifications:
ASTM C920, Type S, Grade NS, Class 25, use NT, G, A, O. U.S. Fed Specs TT-S-001543A and TT-S-00230C Type 2, CAN/CGSB-19.13-M87, Class MG-2-25 - A - L.
PARR General Purpose Silicone after fully cured and washed meets the requirements of FDA Regulation No. 21 CFR 177.2600 subject to end use. PARR general purpose silicone meets USDA regulation for use in Federally-inspected meat and poultry plants.
Caution: PARR General Purpose Silicone can promote corrosion or may not adhere to copper, brass (and copper-containing alloys), magnesium, zinc and galvanized metals (and other zinc-containing alloys).

TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION

Property	Value
RAW MATERIAL BASE	SILICONE RUBBER
COLOR	WHITE, BLACK, ALUMINUM OR CLEAR
SPECIFIC GRAVITY	1.01
WEIGHT PER GALLON	7.7 POUNDS
VOC	32 G/L
TACK-FREE TIME	10-20 MINUTES
FULL CURE TIME (77°F, 50% RH)	24 HOURS (1/8" SECTION)
SHORE A DUROMETER	25
TENSILE STRENGTH	325 PSI
ELONGATION	550%
PEEL STRENGTH	14 LB./INCH
SERVICE TEMPERATURE	-50°F(-46°C) TO 400°F(204°C)
INTERMITTENT HEAT RESISTANCE	450°F (232°C)
BRITTLE POINT	-80°F(-62°C)
COEFFICIENT OF THERMAL EXPANSION	9.3×10^{-4}
THERMAL CONDUCTIVITY	4.5×10^{-2} CAL/(SEC x °C x CM)
VOLUME RESISTIVITY	1.5×10^{15} OHM-CM
DIELECTRIC STRENGTH	550 VOLTS/MIL
DIELECTRIC CONSTANT (@60HZ, 100HZ & 100KHZ)	2.8
DISSIPATION FACTOR (@60HZ, 100 HZ & 100 KHZ)	0.0015
SHELF LIFE	ONE YEAR
PACKAGING	10 OZ CARTRIDGES

APPLICATION TECHNIQUES

1. Thoroughly clean and degrease metal and plastic surfaces. Then rinse all surfaces, except plastic, with acetone. Rubber surfaces should be roughened with sandpaper, then wiped with acetone. Follow the precautions given on the solvent container.
2. Apply to the prepared surfaces in a uniform thickness. If the adhesive is used between two surfaces, put the second surface in place, using enough pressure to displace the air, but not the adhesive.
3. Let the unit stand undisturbed at room temperature to cure.

STORAGE AND HANDLING

The shelf life of this product is 1 year, when stored at 40-90°F in original sealed container. For best results, keep the sealant in tightly closed containers when not in use.

PRECAUTIONS

Use in well ventilated areas and avoid breathing vapors. On contact, uncured sealant irritates eyes. Flush eyes with lukewarm water. Call physician. Avoid skin contact and do not ingest. **Keep out of reach of children.** Sealant releases acetic acid (vinegar odor) during cure.

NOT INTENDED FOR CONSUMER SALE OR USE. FOR INDUSTRIAL USE ONLY.
Consult Material Safety Data Sheet for further information.

PARR Technologies, LLC
24087 CR 6 East
Elkhart IN 46514

Toll Free: 1-866-476-PARR
Phone: 1-574-264-9614
Fax: 1-574-262-9201
