TECH DATA SHEET
PROSIL 1025 SILICONE

Product: **ProSil 1025 Silicone Rubber**

Product No: **28032002010 Gallon Kit (8lb/0.8lb)**
28032002013 Pail Kit (40lb/4lb)
28032002015 Drum Kit (440lb/44lb)

Trade Name: **ProSil 1025 Silicone Rubber**

Supplier: **Fiberlay Inc.**
1468 Northgate Blvd.
Sarasota, FL 34234
(206)782-0660

DESCRIPTION: Prosil 1025 mold making rubber is a two-component material, consisting of Part A base silicone and Part B curing agent, cures at room temperature by a condensation reaction. These materials can be cast into the cured silicone mold: plaster, polyurethane, PU, GRC, cement, resin, polyester, wax etc.
It has great flowability and long working time, Medium hardness, High tear and tensile strength, Easy de-mold from complex replica parts, Acid and alkali-resistant and has Low linear shrinkage.
APPLICATIONS: Prosil 1025 is suited for reproduction of cement molding, concrete stones, artificial stones, plaster molding, figures, art objects, decoration molding, gypsum products, resin products, etc.

Shore A	Gel Time	Cure Time	Viscosity	Mix Ratio	Shrinkage	Specific Gravity	Tear Strength	Elongation %	Tensile Strength
20	60-90min	24hrs	22,000 cps	100A:10B	0.3 %	1.20	143 pli	600	700 psi

MIXING: Mix 100 Part A base and 10 parts of 1025 Curing Agent in a clean container by weight. Thoroughly stir Part A base silicone before use, as filler separation may occur upon prolonged storage. Mix Part A and Part B evenly until the 1025 Curing Agent is completely dispersed in the base. Hand or mechanical mixing can be used, but do not for an extended period of time or allow the temperature to exceed 35C (95F). Mix small quantities to ensure thorough mixing of base and curing agent. It is strongly recommended that entrapped air be removed in a vacuum chamber, allowing the mix to completely expand and then collapse. After a further 1-2 minutes under vacuum, the mix should be inspected and can be used if free of air bubbles. A volume increase of 3-5 times will occur on vacuum de-airing the mixture so a suitably large container should be chosen.

POURING THE MIXTURE AND CURING: Pour the mixed Part A base silicone and 1025 curing agent as soon as possible onto the original part, avoiding air entrapment. The catalyzed material will cure to a flexible rubber within 6 hours (or faster by different mixing ratio or room temperature), we advise you de-mold after 24 hours, as it will improve the replicate times of silicone mold.

Safety information: The material safety data sheet (SDS) for this or any ProSil product should be read before using and is available upon request.

Keep Out of Reach of Children.
For Industrial Use Only