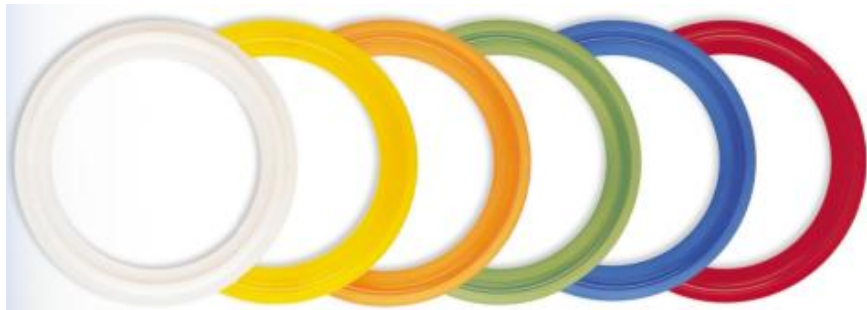
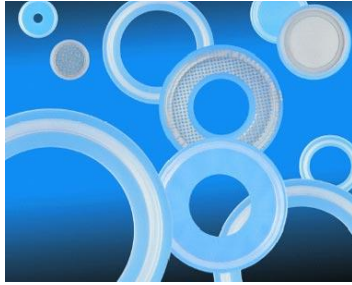


Platinum Cured Silicone Hygienic Seals



The Platinum Cured Silicone Hygienic Seal

When considering silicone seals, **platinum cured** is the most favorable over peroxide cured. The curing method used on the silicone has a direct affect on the amount and type of extractables the hygienic seal will emit. Peroxide curing will always have residuals from the curing additive. Its conversion, **Benzoic Acid**, will result in an unwanted surface condition causing product contamination.

Platinum curing eliminates this problem and minimizes reactions with the respective process fluids. All Rubber Fab silicone hygienic seals are **post cured** and will **not cause cell mutation or growth retardation. They maintain and uphold ultrapure water and CGMP process fluid standards. WHAT YOU PUT IN, YOU GET OUT.**

High purity platinum cured silicone hygienic seals are the ideal choice for use in production facilities of fine pharmaceutical, biotechnology, high-purity water, injectables, food and beverage products. Rubber Fab's platinum cured silicone seals withstand temperature extremes, radiation, corona, moisture and steam. Due to its smooth finish, platinum cured silicone resists product adhesion. These odorless, tasteless, non-toxic seals maintain product integrity and can be autoclaved, irradiated and gas sterilized. And because there is no Benzoic Acid residue, Rubber Fab's platinum cured silicone hygienic seals provide you with the ultimate, high pure, contact surface.

Superior Tear Resistance

Rubber Fab manufactures all latinum silicone hygienic seals from **milled gum silicone**. When compared to **LIM (liquid injection molding) silicone**, milled gum silicone seals **have superior resistance to tearing and deformation.**

Complete Choice in Platinum Cured Silicone Products

Rubber Fab Technologies Group's platinum cured silicone seals are **available in all designs**. They are interchangeable with standard sanitary clamp seals and work with Rubber Fab's Torque-Rite®. Additional product lines are also available, including **Smart Gasket®**, **platinum cured silicone sheets**, **O-Rings** and **platinum cured silicone tubing.**

The Choice is "Clear"

- Eliminates particulates
- Non-pyrogenic
- No pigmentation
- No plasticizers
- No Benzoic Acid
- Non-toxic
- High/low temperature range: -100°F to 450°F
- SIP up to 30 psi @123°C
- No reversion

- Smooth Bore
- Non leaching
- Odorless
- Tasteless
- Superior tear resistance

Meets High Pharmaceutical Standards

- U.S. Pharmacopeia Class VI Certification
- Cytotoxicity Criteria
- CFR Title 21 Section 177.2600
- Traceability: Lot and Batch
- Certification: Lot and Batch
- ASME-BPE Standards
- USDA Standards
- 3-A Sanitary Standards
- Current Good Manufacturing Practices (CGMP)

Platinum Silicone Properties

Formulation

CPO-296, 70 Durometer, Platinum Cure Silicone Elastomer

Specific Gravity

1.200 Lower Limit / 1.240 Upper Limit

Durometer Shore A

65.0 Lower Limit / 75.0 Upper Limit

Tensile (PSI)

Min. 700

Elongation (%)

Min. 800

Modulus 100% (PSI)

0.0 Lower Limit / 2000 Upper Limit

Tear B (PPI)

Min. 200

Compression Set

87% (Not post-cured) / 50% (Post-cured)

Add some color...

Platinum Cured Silicone hygienic seals are also available in different colors. **Colorized seals** can provide a unique way of **identifying a dedicated product line** while establishing the opportunity for a **dating mechanism and change out discipline**. Stocked colors available include **translucent, red, and opaque white**. Consult factory for additional colors.

Note: Non stock custom colors are available and subject to minimum run quantities.

Color coding uses include:

- Identify dedicated product lines
- Identify specific process lines
- Create a color coded change out program