

Silbrade® Platinum

Platinum Cured Braid Reinforced Silicone Hose



Fluid Transfer Specialists®

ESOP Employee Owned
for Your Benefit

Platinum Cured Braid Reinforced Silicone Hose



- Platinum cured for the highest degree of purity
- Non-toxic ingredients manufactured from FDA compliant materials
- Listed by the National Sanitation Foundation (NSF-51) for food equipment materials
- Odorless, tasteless, and inert
- Open mesh polyester braiding incorporated within walls of silicone offers increased pressure capabilities
- Able to resist extreme temperature variation: -100°F to 400°F
- Translucent natural color for visual contact with the flow
- Kink resistant yet highly flexible
- Reusable — will withstand repeated sterilization†
- Excellent weatherability properties — resists U.V., ozone, gases, moisture, and extreme temperatures
- Manufactured in a controlled environment



Notes

The construction of SILBRADE PLATINUM involves a liner of silicone elastomer, an open polyester braid reinforcing layer, and a covering of silicone elastomer. The braid reinforcement allows for increased pressure usage over unreinforced silicone tubing. SILBRADE PLATINUM contains no plasticizers.

SILBRADE PLATINUM's surface properties resist encrustation and will not support bacteria growth. It is nonreactive to body tissues and fluids.

Care is recommended in the selection and application of fittings and clamps as sharp barbed fittings or unlined metal clamps could tear into the hose wall, possibly leading to hose failure.

†SILBRADE PLATINUM should not be used for steam transfer or continuous steam operations. Steam-for-sterilization is the only recommended exposure to steam. If exposed to repeated steam sterilization or long term high temperature or pressure, silicone will eventually become gummy. It should then be replaced.

SILBRADE PLATINUM is supplied in individual, heat-sealed polybags.

Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

| PART NO. | ID (IN.) | OD (IN.) | WORKING PSI AT 70°F | BURST PSI AT 70°F* | LBS. PER 100 FT. |
|----------|----------|----------|---------------------|--------------------|------------------|
| 292 1023 | 1/4 | 1/2 | 140 | 550 | 7.7 |
| 292 1044 | 3/8 | 5/8 | 140 | 550 | 10.2 |
| 292 1065 | 1/2 | 7/8 | 105 | 420 | 21.1 |
| 292 1086 | 3/4 | 1-1/8 | 90 | 350 | 28.7 |
| 292 1107 | 1 | 1.405 | 60 | 225 | 40.1 |

Sold by standard length only (50 ft). Add length suffix to part number when ordering.

Example: 50 ft. of 1/4" I.D. Silbrade Platinum is part number 292 1023-50.

BOLD indicates the critical dimension for fittings application.



Physical Properties**

| | LINER | COVER |
|-------------------------------|-------|-------|
| Hardness, Shore A ±5 | 70 | 60 |
| Brittle Temperature, °F | -100 | -100 |
| Max. Continuous Op. Temp., °F | 400 | 400 |

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

Custom Services

- **Cut** ■ **Overbraid**
- **Size** ■ **And More**

Call for more information
800-506-3924

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DISTRIBUTOR PARTNER



145 James Way
Southampton, PA 18966
www.newageindustries.com

800-50-NEWAGE
(800-506-3924)
215-526-2300

Fax: 800-837-1856
215-526-2190

info@newageindustries.com