



mitos-W

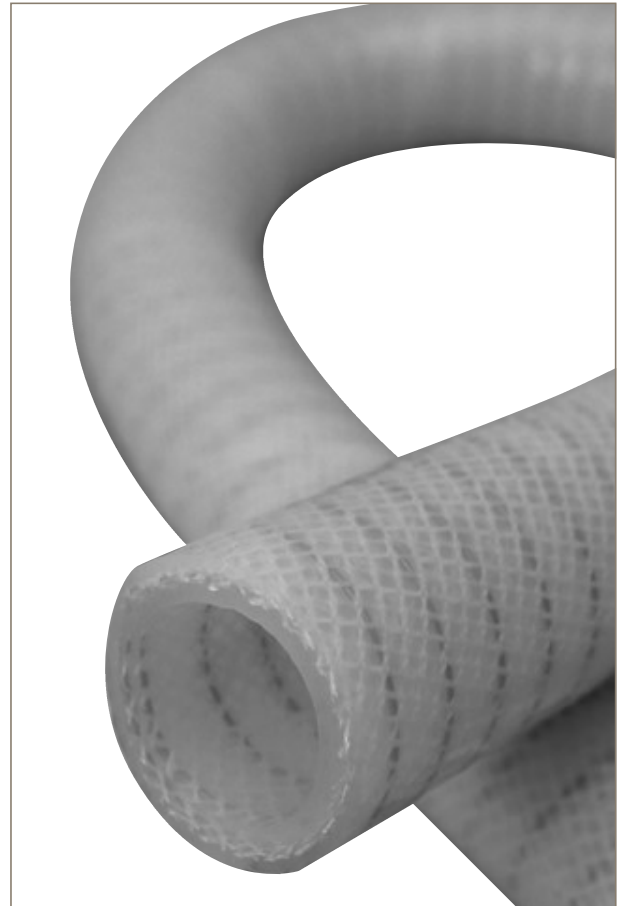
- Platinum-cured silicone hose, stainless steel wire reinforced tubing
- For high pressure or vacuum applications

mitos-W is a platinum-cured silicone hose with multi-ply fiber braids and 316 stainless steel helical wire reinforcement. mitos-W is ideal for high pressure or vacuum applications.

Features and Benefits

- Lot number and customized information directly on hose with CLEAR-mark® label*
- Manufactured free from known animal derived components
- Certificate of conformance with each order
- Smooth inner bore
- Can be chemically or mechanically cleaned and can be sterilized by chemicals, autoclave or gamma-irradiation
- SIP / CIP capable
- Available with internal diameter up to 3 inches

*CLEAR-mark® is a registered trademark of Integra Companies.



Fittings

Parker offers a comprehensive line of industry standard connection options. All stainless steel fittings are 316 stainless steel and are available in an electropolished (<15 Ra) or standard machine finish (20 Ra). Our stainless steel fittings are manufactured in a U.S. based facility dedicated exclusively to fabricating sanitary fittings for the biotech industry. Parker fittings are unparalleled in material consistency, dimensions, surface finish, and craftsmanship. All fittings feature a heat identifier which allow them to be fully traceable. Styles include molded tri-clamp, radially-crimped stainless steel (shown below with mitos-WCO hose) and other industry standard connections.



Applications

Hose assemblies
Bulk transfer lines
High pressure transfer lines
Vacuum applications
SIP / CIP carts
Load cells

Specifications

Materials of Construction

- Material: Platinum-cured silicone

Available Fittings

- Molded tri-clamp
- Radially-crimped 316L stainless steel
- All other industry standard connections

Temperature Rating

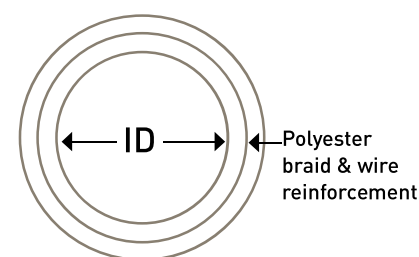
-80 °F (-62 °C) to 500 °F (260 °C)

Certified Standard of Compliance

- FDA CFR 177.2600
- USP Class VI
- European Pharmacopoeia 3.1.9
- ISO 10993
- Additional validation testing performed, contact Parker for further information

Sizes

Part Number	ID	Recommended working pressure (psi) @ 68 °F	Minimum burst pressure (psi) @ 68 °F	Vacuum rating (HG)	Bend radius (in.)
08-MITOS-W	1/2"	150	500	29.9	3.0
12-MITOS-W	3/4"	125	500	29.9	4.0
16-MITOS-W	1"	125	500	29.9	6.0
24-MITOS-W	1 1/2"	125	500	29.9	8.0
32-MITOS-W	2"	100	350	29.9	8.0
40-MITOS-W	2 1/2"	contact factory			
48-MITOS-W	3"	contact factory			



Parker technologies can be combined to produce integrated solutions that will speed up development times, increase efficiency and safety, and guarantee reproducible product quality.



Parker has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact your local Parker Bioscience Filtration Sales Representative for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.