



mitos-WCO

- Platinum-cured silicone hose, stainless steel wire reinforced, with convoluted exterior
- For high pressure or vacuum applications with excellent bend radius

mitos-WCO is a platinum-cured silicone hose with multi-ply fibre braids, 316 stainless steel helical wire reinforcement and a convoluted exterior. The convoluted exterior provides excellent bend radius and resistance to kinking.

Features and Benefits

- Lot number and customized information directly on hose with CLEAR-mark® label*
- Animal derived component free
- Certificate of conformance with each order
- Smooth inner bore
- Superior bend radius and resistance to kinking
- Can be sterilized by autoclave or gamma-irradiation
- SIP / CIP capable
- Available with internal diameter up to 3"

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



Radially-crimped stainless steel

Parker domnick hunter 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 domnick hunter 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 tri-clamp, elbow, NPT, flange, 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
- Stainless steel wire
- Fibre mesh

Certified standard of compliance

- FDA CFR 177.2600
- USP Class VI
- European Pharmacopoeia 3.1.9
- ISO 10993

Available Fittings

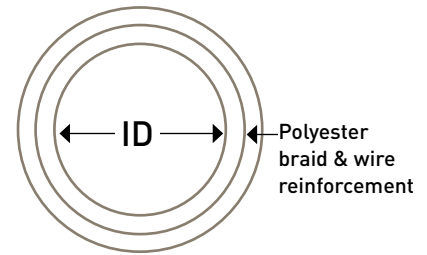
- Radially-crimped 316L stainless steel
- All other industry standard connections

Temperature rating

-80 °F (-62 °C) to 500 °F (260 °C)

Sizes

Part Number	ID	Recommended working pressure (psi) @ 68 °F	Minimum burst pressure (psi) @ 68 °F	Vacuum rating (HG)	Bend radius (in.)
08-MITOS-WCO	1/2"	150	500	29.9	2.0
12-MITOS-WCO	3/4"	150	500	29.9	2.5
16-MITOS-WCO	1"	125	500	29.9	4.5
24-MITOS-WCO	1 1/2"	100	500	29.9	6.0
32-MITOS-WCO	2"	100	350	29.9	7.5



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



Parker domnick hunter 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 our Process Filtration Sales Department 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.