

# MTG PURAlife™

## MARKING



## COVER

- Translucent non-toxic platinum-cured silicone rubber (code 3362PT-SILICONE/CLEARWAY-PLATINUM), translucent, glossy finish.
- It may be easily cleaned with any mild detergent.
- Complying with US Pharmacopoeia Class VI, FDA Standards, BFR and European Pharmacopoeia (E.P. 3.1.9), ISO 10993-4, -10, -11, non-cytotoxic according to ISO 10993-Part 5.

## REINFORCEMENT

- High strength plies of synthetic cord.
- Stainless steel helix wire.

## TUBE

- PFA (Perfluoroalkoxy, black PFA), fully fluorinated, black, antistatic (R<10<sup>6</sup> Ω), mirror-smooth.
- Complying with US Pharmacopoeia Class VI, FDA Standards, D.M. 21/03/73 and following amendments, Regulation EU n. 10/2011, ISO 10993-4, -10, -11, non-cytotoxic according to ISO 10993-Part 5.

## FITTING

It may be supplied with PFA-lined fittings black conductive (clamp, flange, camlock etc.).

## APPLICATION

- This hose has been designed for conveying pharmaceutical, food and cosmetic products. Suction and delivery hose.
- Excellent solution for conveying high purity fluids; it combines the benefits of a special antistatic PFA tube with the platinum-cured silicone structure. Also suitable for the transport of NON-ABRASIVE powders.
- Produced with MTGp™ technology (Manufacturing Tubing Green process).

## NOTE

- Please check recommendations and instructions mentioned in the MTG "use and maintenance guideline for PFA/MFA hoses".
- Not autoclavable.

## MAIN BENEFITS

- 100% safe transport of the fluid, no risk of contamination.
- Antistatic tube.
- No use of additives or chemicals potentially dangerous for environment and human health.
- Marking made with food quality pigments.
- Traceability is ensured for the whole production process of the hose.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions according to EC 1907/2006 (REACH).
- Plasticizers and nitrosamines free hose.



## TEMPERATURE RANGE

From -30°C to +150°C, depending on the fluids conveyed and the application.



## SAFETY FACTOR

≥ 3 times working pressure.



## PATENTS

E.P. 1450092



## CERTIFICATIONS

Hose approved by the Institute Ineris, attestation nr. INERIS-16-AM-342, for use in ATEX areas.



## STERILIZATION

- Sterilization with steam up to +135°C, in an open circuit, for max 30 minutes.
- For other cleaning, disinfection and sterilization processes with steam, please contact our Sales Department.

## TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: ± 0.8mm - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
19	31	6.0	10	30	-0.9	120	0.68	20
25	37	6.0	10	30	-0.9	150	0.82	20
32	44	6.0	10	30	-0.9	200	1.04	20
38	52	7.0	10	30	-0.9	250	1.52	20
51	67	8.0	10	30	-0.9	300	1.96	20
63.5	79.5	8.0	5	15	-0.9	380	2.57	20
76	92	8.0	5	15	-0.9	460	3.66	20

Above technical data refer to application at room temperature (+20°C). Other sizes are available upon request. Please contact our Sales Department.



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