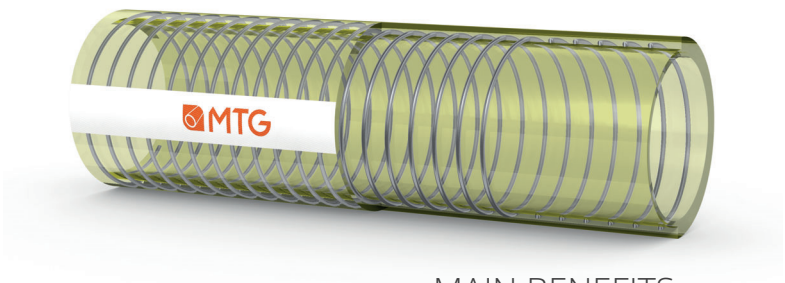
MTG-PHARMADUST/ST

PHARMACEUTICAL INDUSTRY

TÜV AUSTRIA
EN ISO 9001:2015 No. : Q-3353-24
EN ISO 45001:2018 No. : 20152240011742
EN ISO 14001:2015 No. : 20051240011741

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APPLICATION

- Suction hose for air mixed with powders.
- Hose with steel helix wire, utmost see-through.
- Normally used in the pharmaceutical and food industry.

CONSTRUCTION

TUBE
- Technopolymer (code 3G26AU), see-through, odourless and tasteless, mirror-smooth.
- Abrasion loss: < 36 mm^3 according to DIN 53516.

REINFORCEMENT
- Stainless steel helix wire AISI 302.

COVER
- Technopolymer (code 3G26AU), see-through, odourless and tasteless, smooth, glossy finish.
- Resistant to abrasion and ozone.

STANDARDS

- Tube and cover: USP Class VI, Regulation EU n. 10/2011, FDA, D.M. 21/03/73 and following amendments, ISO 10993-4, -10, -11, non-cytotoxic according to ISO 10993-Part 5.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).
- Only for hose assemblies: test of electrical continuity between the couplings ($R<10^2$ Ω) according to EN 8031.

MAIN BENEFITS

- The inner surface of the hose, smooth and compact, makes easy the flow of the products conveyed and the cleaning operations. Excellent resistance to abrasion.
- See-through construction for easy visual inspection of the media conveyed.
- Light and easy to handle.
- Hose in accordance with the Regulations EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG productive cycle does not employ phthalates, plasticizers, animal derived ingredients, and nitrosamines, thus reducing the risk of bacterial growth and contamination of the product conveyed.
- Non-plasticized hose.

TEMPERATURE RANGE

- From -10°C to +85°C.
- Cleaning with water (up to +100°C without pressure) mixed with a normal mild cleaning detergent

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

MTG PHARMADUST MADE IN ITALY

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: **+1/-0.5mm** - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
25	33	4.0	1	3	150	-0.9	0.36	20
38	46	4.0	1	3	230	-0.9	0.52	20
50	58.5	4.25	1	3	300	-0.9	0.95	10
63.5	72	4.25	1	3	400	-0.9	1.20	10
76	85	4.5	1	3	490	-0.8	1.59	10
100	112	6.0	1	3	700	-0.8	2.42	10

Other sizes are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C).
MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."

USP CLASS VI PHARMACOPOEIA · ISO 10993 · EU 10/2011 · FDA FOOD QUALITY · DM 21/03/73

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