



AQUAPAL®

The highly flexible hose for potable water

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The ideal drinking water hose for use in the food and beverage industry, in the broad area of camping and RV vehicle needs, for filling drinking water tanks, in canteen kitchens, for municipal emergency supply lines, open-air events, and many other areas. The special transparent, plastomer, and plasticizer-free inner lining of the hose is homogeneous, smooth and absolutely neutral to taste and odour. **AQUAPAL®** meets all the German recommendations and regulations for the transport of potable water.

- Special transparent inner lining, free of plasticisers
- Reinforcements: synthetic fibres
- Blue, fabric patterned NBR-cover, resistant to ozone, weather, UV, oils, fats and abrasion
- Working pressure up to 20 bar / 290 psi
- Temperature resistance from -30°C to +90°C / -22°F to +194°F
- Can be steamed up to +130°C / +266°F (max. 30 minutes)
- Absolutely neutral to taste and odour
- Highly flexible, can be overrun (except construction with steel wire helix)
- Meets the KTW-Leitlinie "Rohre", DVGW W270, DVGW VP 549 and WRAS
- Meets the requirements of EG 1935/2004, EG 2023/2006 and EU 10/2011
- Meets FDA (21 CFR 177.2600)
- 3 years guaranty



Technical Data

nominal width	Inner-Ø	wall thickness	length	spiral hose	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m		bar	psi	aprx. mm	aprx. g/m
1/6	4	2,5	40		20	290	25	75
1/3	8	3,0	40		20	290	50	140
3/8	10	3,6	40		20	290	60	210
1/2	13	3,6	40		20	290	75	250
5/8	16	3,6	40		20	290	95	300
3/4	19	4,2	40		20	290	110	420
3/4	19	6,0	40	*	20	290	90	780
7/8	22	4,5	40		20	290	130	510
1	25	4,5	40		20	290	145	570
1	25	6,0	40	*	20	290	115	965
1 1/4	32	5,5	40		20	290	280	870
1 1/4	32	6,0	40	*	20	290	160	1150
1 1/2	38	6,5	40		20	290	330	1200
2	50	7,5	40		20	290	435	1790
2	50	7,5	40	*	20	290	250	2290
3	75	7,5	40	*	20	290	375	3300
4	100	8,0	40	*	20	290	500	4715

Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability / Warranty refers to faulty material and manufacture provided that couplings have been fitted by experts, that the recommended working conditions have been respected and that the hose has been used properly

Recommended cleaning

when using ContiTech hoses for the food and beverage industry



Cleaning before first use

Elastomer hoses may have a slight odor of their own, which is technologically unavoidable and can be eliminated by proper cleaning.

We therefore recommend the following cleaning procedure before first use:

- Fill the hose with hot water
- Store in the hose for at least 10 hours
- Empty the hose

We then recommend one of the following cleaning processes:

Cleaning agents	Temperature and duration
Water	+ 90°C max. 20 minutes
Steam	2x + 130°C max. 20 minutes
Chemicals	Temperature and duration
Caustic Soda (NaOH)	2 % at room temperature max. 30 minutes
Hydrogen peroxid (H ₂ O ₂)	0,15 % at room temperature max. 30 minutes
Nitric acid (HNO ₃)	0,5 % at room temperature max. 30 minutes

In all cases the hose must be rinsed with tap water!

If the hose still unexpectedly gives off an odor, several cleaning processes should be conducted consecutively.

Standard cleaning

After use or at regular intervals, the hose must be treated with an ordinary cleaning and sanitizing agent. For detailed information and to choose a suitable cleaning and sanitizing agent, please refer to our complete resistance list.

Please observe our recommendations on storing and maintaining hoses.

Special features of extended disinfection cycles

In the case of extended disinfection cycles - such as those at the weekend or on public holidays - notwithstanding the concentration specifications of the disinfection manufacturer, the concentrations are to be reduced by at least 50%.

ContiTech



Fluid Technology

Market segment
Industrial Hoses

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Learn more about
the contents of this
brochure.

ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognised innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.

ContiTech industrial hose program



Hoses for the food and beverage industry



Hoses for milk collecting vehicles



Multipurpose hoses for the food, pharmaceutical and cosmetic industry



Hoses for the brewing, beverage and liquor industry



Water hoses for industrial and commercial use



High-performance compressed air hoses

Together with the technical trade,
we are developing further hose solutions for your specific application.