



High-quality
brand hoses
for the food and
beverage industry



The right solution for every application in the food and beverage industry

The application area of hoses and hose lines is very versatile. Every assignment needs an individual solution. The decision is not always easy.

Always important in this case is quality. Therefore we deliver high-quality hoses.

Thanks to their easy handling they can be used in every company without any problems.

Especially in the food and beverage industry continuous quality controls are very important.

No company can afford substandard hoses with bad discharge properties or residue.

Hoses made by ContiTech are subject to strict inspections and the latest national and international standards.

All the same if in the preparation or the production of juice, oils, milk, beer or spirits ContiTech offers the best product - everywhere, where flexible or time-limited connections for

the transport of fluids or solid substances are needed. Our product range covers all kinds of transport connections for the food and beverage industry with the suitable fittings.

As well-respected hose producer it is our task to find the right solution for your problem.

Technical advice and delivery will be done by our partners in the market.



LACTOPAL® and **LACTOPAL® L** are multi-purpose hoses designed for the food, pharmaceutical and cosmetics industry. The white lining, resistant to oily and fatty products, is homogenous smooth, tasteless and odourless. The LACTOPAL® has been specially designed to handle harsh everyday operating conditions. It is extremely robust and dimensionally stable, and can withstand a vehicle driving over it. Its integrated steel wire helix makes LACTOPAL®L flexible, lightweight and highly resistant to suction. Both hoses are resistant to conventional detergents and disinfections.

- white, non-porous, smooth NBR inner lining
- temperature resistant up to +80°C (+90°C max. 20 minutes)
- can be steamed up to 110°C (+130°C max. 20 minutes)
- working pressure up to 16 bar
- reinforcements: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation and abrasion
- meets the recommendation XXI cat. 2 of BfR and FDA 177.2600

FLUOROPAL® Food + Drink is the premium high-end hose for pharmaceutical and cosmetic industrial applications in a range of limited conditions, as well as for the food and beverage industry. Due to its fluoroplastic lining the FLUOROPAL® is resistant to the most extreme temperature ranges. Constant temperatures up to +125°C and short-term temperatures for cleaning up to +150°C are no problem. Moreover, the all-rounder is highly resistant to commonly used cleaning and disinfecting products and almost all chemicals. The high temperature resistant EPDM cover is resistant to ozone and weather.

- white, non-porous, smooth inner lining – conforming to FDA 177.1550
- absolutely neutral to taste and odour
- temperature resistant up to + 125°C, short term up to + 150°C
- working pressure up to 16 bar
- reinforcements: synthetic fibres
- EPDM cover, resistant to ozone, weather and UV radiation

The 2 year warranty for LACTOPAL® applies only to proven material and manufacturing defects, and only on the condition that the hose is mounted professionally with proper fittings, and used in compliance with our instructions and recommended service conditions.



PURPLE SNAKE® is the ideal high-quality hose for the use in breweries, wineries, bottling plants, and other establishments of the brewing, beverage, and liquor industry. The light inner lining is completely odorless and tasteless, homogeneous, smooth, and unplasticized. Flexibility, pressure resistance and long service life – even under extreme application conditions – are further advantages that have contributed to the hose's excellent international reputation. PURPLE SNAKE® can be easily cleaned conventionally or by CIP.

- white, homogenous, non-porous, smooth inner lining
- suitable for pure alcohol up to 98%
- temperature resistant up to +85°C (+95°C max. 60 minutes)
- can be steamed up to 130°C (max. 30 minutes)
- working pressure up to 16 bar
- reinforcements: synthetic fibres
- red cover, resistant to ozone, weather, UV radiation, and abrasion
- 3 year warranty*

COLLECTOR® & COLLECTOR® FLEX are ideal high-quality hoses for the reliable and safe use with milk collecting trucks. Their white lining made from natural rubber is absolutely neutral to taste and odour, resistant to raw milk as well as to commonly used cleaning products. The reinforcements with just one steel wire helix (COLLECTOR®) and a plastic helix (COLLECTOR® FLEX) allow a pressure of 6 bar. The very high flexibility of the hose makes it easy to handle. The NR cover is resistant to abrasion, UV and ozone.

- white, homogenous, non-porous, smooth NR inner lining
- temperature range from -40 °C up to +70°C (+90°C max. 20 minutes)
- can be steamed up to 130°C (max. 20 minutes)
- reinforcements: synthetic fibres
- highly flexible and lightweight
- meets the recommendation XXI cat. 2 of BfR and FDA 177.2600
- NR-cover, resistant to ozone, weather and abrasion



*The three-year warranty for PURPLE SNAKE® applies only to proven material and manufacturing defects – subject to professional fitting assembly, recommended application conditions and proper use of the hose material.



AQUAPAL® is the ideal hose whenever it comes to conveying potable water in the food and beverage industry, for camping and caravanning, for filling potable water storage tanks, in large-scale catering establishments, for maintaining domestic emergency supplies, at public festivals and for many more applications. The special transparent, plastic inner lining free of plasticisers is homogeneous, smooth and absolutely neutral to taste and odour. AQUAPAL® meets all the German recommendations and regulations for the transport of potable water.

- o temperature range from -20°C up to +90°C
- o can be steamed up to 130°C (max. 30 minutes)
- o reinforcements: synthetic fibres
- o highly flexible, can be overrun (except construction with steel wire helix)
- o meets the KTW-Leitlinie"Rohre", DVGW-W270 and DVGW-VP 549 (DVGW Reg-Nr: DW-0309BT0079)
- o NBR cover, resistant to ozone, weather, UV radiation, abrasion, fats and oils
- o conforming to FDA
- o 3 year warranty*

TRIX® MULTI-FOOD is the universal hose for the food industry. It can be used in dairies, cheese production, margarine production, large-scale catering establishments, fish processing industry as well as in breweries, slaughter-houses, oil mills, skinning industry, large-scale butcher's shops and jam production. It can also be used for the equipment of dairy machines. The hose is suitable for transport of milk, whey and hot water up to 90°C.

- o white, homogenous, non-porous, smooth NBR inner lining
- o absolutely neutral to taste and odour
- o working pressure up to 20 bar
- o temperature range from -20°C up to +90°C
- o can be steamed up to 6 bar (164°C) – open system only
- o reinforcements: synthetic fibres
- o optionally with blue or white cover, resistant to UV radiation, abrasion, fats and oils
- o meets FDA 177.2600

The reliable and safe **PERLAPAL® W** and **PERLAPAL® S** hot water and steam hoses are available with white or black lining and are especially designed for cleaning purposes in the food, pharmaceutical and cosmetic industry. Both hose types are suitable for the safe transport of hot water up to +95°C and steam up to +164°C (for open-end discharge only).

- o homogenous, non-porous, smooth CIIR inner lining
- o working pressure up to 6 bar (steam) or up to 20 bar (cold water)
- o reinforcements: synthetic fibres
- o NBR cover, resistant to ozone, weather, UV radiation, abrasion, fats and oils
- o 2 year warranty*



* The three-year warranty for AQUAPAL® and two-year warranty for PERLAPAL® applies only to proven material and manufacturing defects – subject to professional fitting assembly, recommended application conditions and proper use of the hose material.





Braudieck® hoses offer high quality at reasonable prices. The hygienically smooth, non-porous lining is absolutely neutral to taste and odour and thus suitable for various applications in the beverage and foodstuffs industry. They are resistant to commonly used cleaning and disinfecting products and can easily be cleaned conventionally or by CIP installations. Both, lining and cover are resistant to oil, fats and caustics.

The hoses are available in the following types:
For temperatures up to +80 °C:

- **LGD:** with white NBR inner lining
- **LGDS:** with white NBR inner lining and steel wire helix

For temperatures up to +95°C

- **LGDU:** with white UPE inner lining
- **LGDSU:** with white UPE inner lining and steel wire helix

- working pressure up to 10 bar (LGD/LGDS) or 12 bar (LGDU/LGDSU)
- reinforcements: synthetic fibres
- NBR cover, resistant to ozone, weather, and UV radiation and abrasion
- meets the recommendation XXI cat. 2 of BfR and FDA 177.2600 and 177.1520

Cleaning and disinfection of food and beverage hoses

Comment on the reference values

The resistance and anti-swelling properties of the inner lining depend heavily on the chemical properties, temperature, flow velocity and contact time of the flowing medium. In the case of extreme application, cleaning, and disinfection conditions, the unique aspects of the application must be known in order to recommend a specific hose.

Practical tips and recommendations for cleaning

The inner lining of the food and beverage hoses is tasteless and physiologically harmless. If goods fresh from the factory or untreated hoses that have been stored for a long time should ever unexpectedly give off odors, we recommend the following:

Steam the inner lining three times at 130°C (each time max. 20 minutes), and in-between cool down to room temperature each time. Alternatively, treat with an aqueous cleaning solution (40°C) consisting of 4 g caustic soda and 5.8 g table salt per 1 l water for at least 24 hours. In both cases, the hose must be rinsed with drinking water afterwards. A comprehensive resistance list is available on request to assist with the selection of further cleaning and disinfectant agents.

Specifics at disinfection

Contrary to the instructions of the producers of the disinfectants we recommend to reduce the concentration by 50% for disinfection - like at weekends or holidays.

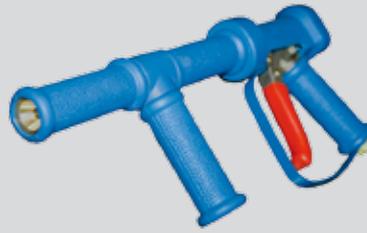




Water-saving gun



Hot water-saving gun I



Hot water-saving gun II

The **DINGA water-saving gun** is extremely robust and has a long service life due to its highquality brass/stainless steel design. Additionally, it is protected against shock, heat and cold and has a rubber protection against any damage from caustic solutions and acids. The use of this gun helps to save considerable water and energy costs, which, along with its chemical-free cleaning capability, contributes to the protection of the environment. The flow can be adjusted from a fine spray to a concentrated jet. Thus, the gun is suitable for a careful and efficient cleaning for nearly any professional application.

- water temperature max. 50°C (Water-saving gun)
max. 95°C (Hot water-saving gun)
- working pressure up to 24 bar
- flow rate of water 25 l/minute at 5 bar
- spare parts available on request
- available for hose connections 1/2", 3/4" and 1"

Installation tips for PAGUFIX 3000 & System Blaudieck®

On request, ContiTech Schlauch GmbH supplies any desired hose length – with or without steel-wire helix – pre-fitted with the PAGUFIX 3000 fitting system or Blaudieck® system. In the brewing, beverage and foodstuff industry, these systems are a favored standard when an ultra-hygienic hose line is required which enables smooth media flow in the coupling area without any dead space.

The high pressure resistance of the couplings helps prevent industrial accidents.

The material 1.4301 is used as a standard; other materials on request.

PAGUFIX 3000



The ideal swaged coupling for the beverage and foodstuffs industries

Blaudieck® Hose Coupling System



The piggyback coupling

- suitable for a great variety of applications in the brewing, beverage and foodstuff industries
- smooth and hygienically clean connection, without any transition between lining and fitting
- perfect seal of the hose end (no wicking effect)
- resistance to pull-off forces above working pressure
- no damage to lining through swaging process
- rubber protection rings available in blue
- available in all used diameters
- high pressure resistance
- the hose assembly can no longer become a HACCP problem



ContiTech industrial hose program



Drinking water hose



Hoses for milk collecting vehicles



Hoses for the food and beverage industry



Multipurpose hoses for the food, pharmaceutical and cosmetic industry



Hoses for the brewing, beverage and liquor industry

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

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Market segment industrial hoses

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