



# Simply **SUPER**

## Hoses for food and beverages

# Welcome to the new world

We are the first company in our industry to use an inner layer made exclusively from UPE for our food and beverage hoses. This allows you to easily meet the increasingly stringent requirements and also benefit from many other advantages:

**NEW:**  
UPE in all  
hoses



## **SUPER safe**

Hoses with a UPE inner lining have low permeability. This protects the medium better from contamination.



## **SUPER clean**

Hoses with UPE are resistant to steam and easy to clean up to 130 °C. So you can meet hygiene requirements much more easily.



## **SUPER robust**

The UPE inner lining makes our hoses even more resistant to certain media and high temperatures. This means that they are more durable, easier to maintain and therefore more cost-efficient.



## **SUPER precise**

The UPE inner lining ensures consistently stable inner diameters. This homogeneous inner lining prevents contamination due to bacterial nests.

# Simply three times better: BLAUDIECK SUPER

In the food and beverage industry, safety is the best recipe. This is exactly why we have developed the BLAUDIECK SUPER.

A hose that allows you to effortlessly meet the increasingly stringent German, European and international requirements of our industry and at the same time optimize process reliability.

A hose with a design that masters the individual challenges of the most diverse applications - and thus reduces the complexity of procurement for the user.

A hose that is robust and durable and also easy to handle, clean and maintain thanks to intelligent fittings - so that your operating costs fall immediately and your profitability increases in the long term.

**In short: simply three times better.**

## CHARACTERISTICS

### Inner lining

White, non-porous, plasticizer-free UPE inner lining  
Optionally with spiral, black OHM guide strip

### Reinforcement

Synthetic yarns, optionally with or without integrated steel wire spiral

### Cover

Blue, fabric-patterned NBR outer layer, ozone-resistant and abrasion-resistant  
Optionally with spiral, black OHM guide strip

### Further properties

Resistant to oils and greases inside and out  
Resistant to cleaning agents, disinfectants and chemicals according to the Continental resistance list  
Also available in an electrically conductive version for use in explosive zones

### Working pressure

Up to 16 bar (232 psi)

### Dimensions

Available in all common nominal diameters from DN 19 to DN 100

### Temperature

-30 °C to +95 °C (-22 °F to +203 °F); up to +110 °C (+230 °F)  
max. 60 minutes

### Steaming

Up to 130 °C (+266 °F) max. 30 minutes

EC

1935/2004

EU

10/2011 incl.  
202/1245

BfR

Recommendation  
XXL Cat. 2

FDA

Regulation  
177.1520 for inner  
liner material



# Good connections

## Fitting systems

Reliable connection technology and fittings are particularly important in the food and beverage industry. With PAGUFIX and PAGUCLAMP we offer the ideal solutions for this: Robust and durable quality, easy to use with reliable operation and cleaning, optionally available as individual parts or as a crimped hose line.

### PAGUFIX

The swaged fitting for the food and beverage industry

**Standards:** DIN 11851 - 1.4301

**Specifications:** Working pressure up to 16 bar/232 psi

**Further features:** Absolute sealing of the hose end (no wicking effect). No damage to the inner lining of the hose when fitting the nozzle. Customized laser marking of the fitting on request. Hose fitting geometry (connecting piece and sleeve) optimally adapted to the hose design, ensuring simple and effective reinforcement. Very high pressure resistance and connection strength even with hot cleaning thanks to ideal tooth geometry. Special designs on request (e.g. SMS 1145, IDF ISO 2853, RJT BS 4825, DS 722, aseptic DIN 11864 Part 1, clamp, open weld end). Seamless hygienic connection between the inner lining of the hose and the fitting nozzle.



Data Sheet  
PAGUFIX

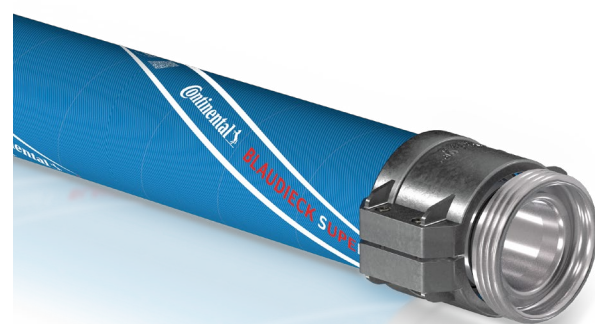
### PAGUCLAMP

The half-shell fitting for the food and beverage industry

**Specifications:** Working pressure up to 16 bar/232 psi

**Further features:** 1 set consisting of 2 half shells, 4 screws and 4 nuts. A reduced connection piece must be used for hoses with a spiral. No damage to the inner lining of the hose when fitting the connection piece. Optimally adapted to PAGUFIX connectors due to the coordinated tooth geometry. Very high pressure resistance and connection strength even with hot cleaning thanks to ideal tooth geometry. A more seamless and hygienic connection between the inner hose layer and the fitting nozzle than with conventional half-shell systems

**Material:** Stainless steel. Reusable.



Data Sheet  
PAGUCLAMP

## Inspiring variety

BLAUDIECK SUPER - the perfect solution for a wide range of applications.

The BLAUDIECK SUPER is resistant to high temperatures and pressures. It is also particularly easy to clean, making it a real cost saver. With its different versions, it can be configured for practically all requirements in the food and beverage industry. For the brewing industry, for example: The UPE inner lining ensures a totally homogeneous, smooth and non-porous surface where germ nests don't stand a chance. Pure materials, pure beer. And because the "Conductive" version can also be used in explosive zones, the BLAUDIECK SUPER is also suitable for conveying high-proof alcohol in distilleries or other pneumatic applications (e.g. milk powder) with electrostatic charging potential.



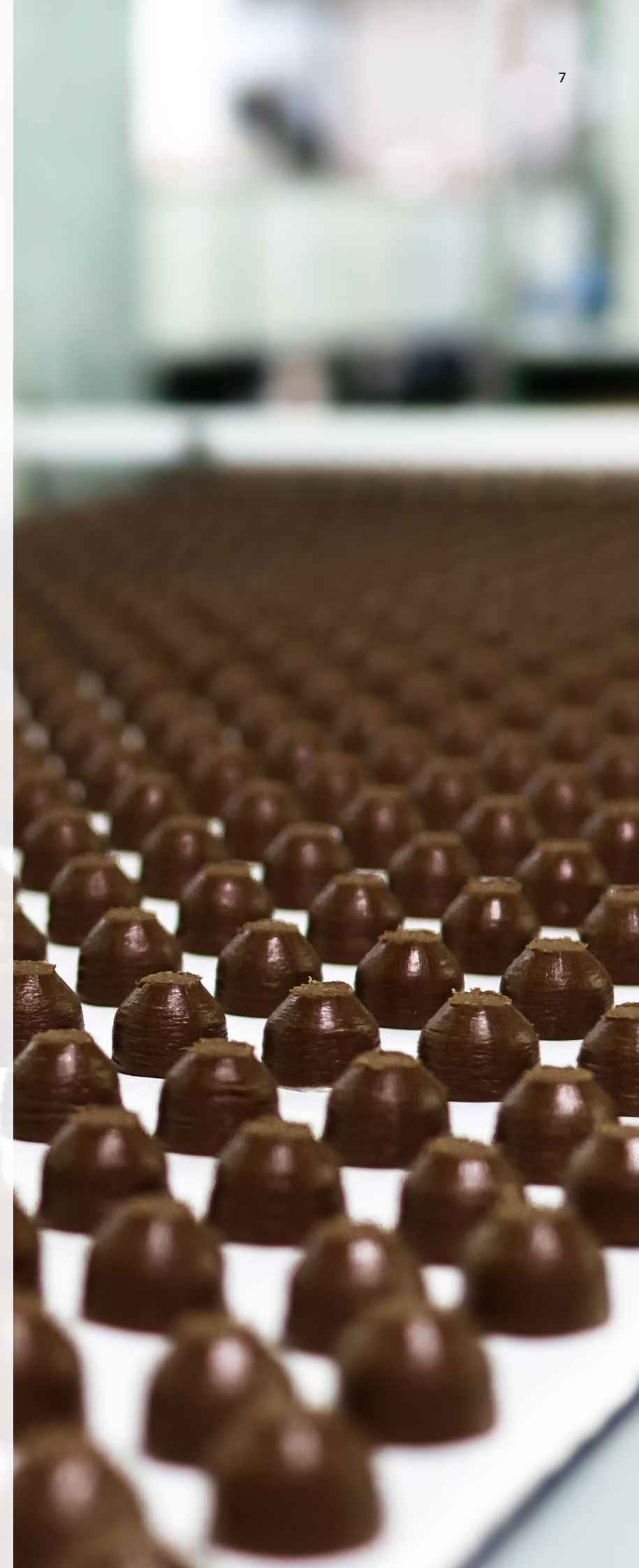
The BLAUDIECK SUPER is also the first choice for dairies, cheese producers or for yoghurt and ice cream production: The smooth, non-porous inner core prevents unwanted turbulence in the flow and is also absolutely hygienic. The hose is also particularly resistant during cleaning and disinfection, even at high temperatures and pressures. And because the hose design with the textile reinforcement and an abrasion-resistant outer lining is so robust and easy to handle at the same time, the BLAUDIECK SUPER is always greatly appreciated by milk transporters in a wide range of applications. By the way: Our PAGUFIX and PAGUCLAMP fitting systems are the perfect complement, ensuring a seamless, hygienic connection between the inner hose layer and the fitting nozzle.

**Tip:** As a service, we offer you our free resistance list with information on cleaning agents and disinfectants, exposure times, operating temperatures and concentrations.



The BLAUDIECK SUPER is also perfect for the industrial processing of flavorings and spices - as well as for use in the production of delicatessen products, fruit juices, lemonades, confectionery and convenience food products.

We subject the BLAUDIECK SUPER to the strictest tests so that it effortlessly meets current domestic and international standards. Modern production facilities, special manufacturing processes, first-class raw materials and constant production checks are the cornerstone for consistently high product quality.



ContiTech Deutschland GmbH  
30173 Hannover, Germany  
[www.continental-industry.com](http://www.continental-industry.com)

Please contact us:

[www.continental-industry.com/  
contact-forms/general-contact-form](http://www.continental-industry.com/contact-forms/general-contact-form)



#### Legal notice

The content of this publication is not legally binding and is provided as information only.

The trademarks displayed in this publication are the property of Continental AG and/or its affiliates. Copyright © 2024 ContiTech Deutschland GmbH, Hanover. All rights reserved. For complete information go to: [www.continental-industry.com/disclosure\\_en](http://www.continental-industry.com/disclosure_en)