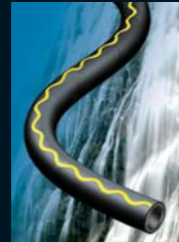


ContiTech industrial hose program



Drinking water hoses



Water hoses for industrial and commercial use



High-performance compressed air hoses



Hoses for milk collecting vehicles



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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BLAUDIECK®
Foodstuff and
beverage hoses

Your sales partner:



BLAUDIECK® Beverage and foodstuff hoses



ContiTech Fluid Technology is a development partner and original equipment manufacturer with hoses and hose lines for the automobile industry and industrial applications. Our expertise in design and material engineering as well as our manufacturing process are the basis for the safe and smooth transportation of all media. Our high-quality hoses for industrial and commercial applications can be used in many ways. For decades, they have proven themselves in continuous use under the most grueling conditions. They are characterized by their reliability, safety, long service life, and easy, troublefree handling. We have the ideal hose for each medium – and for each hose the right fitting.

Labeling:

LGD and LGDS: Red-white "BLAUDIECK" logos on blue background

LGDU and LGDSU: Red-white "BLAUDIECK" and "UPE innenliner" logos on blue background

Reinforcement:

synthetic fibres

LGDS and LGDSU
with inner steel wire helix

Inner lining:

LGD and LGDS: White, non-porous, smooth NBR inner lining

LGDU and LGDSU: White, non-porous, smooth, unplasticized UPE inner lining

Cover:

NBR, blue, abrasion-resistant, resistant to ozone, weather, and UV radiation

The renowned Braudieck® hoses offer high quality and good price/performance ratio.

The hygienically smooth, non-porous, and absolutely odor- and taste-neutral inner linings are suitable for various applications in the beverage and food industry, are resistant to conventional cleaning agents and disinfectants¹⁾, and are suitable for CIP (cleaning in place).

Both the inner lining and cover are resistant to grease, oil, and lyes.

Combined with our swaged fitting systems and protective rubber rings, the result is the ideal hose line.

¹⁾ Our extensive resistance list for cleaning agents and disinfectants is available on request. It includes important information about extended disinfection.



BLAUDIECK® LGD

- White, non-porous, smooth NBR inner lining
- Entirely tasteless and odorless
- Resistant to oils and greases inside and outside
- Temperature resistant up to +80°C (+90°C max. 20 minutes)
- Steamable up to +110°C (+130°C max. 20 minutes)
- Operating pressure up to 10 bar
- Reinforcement: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation, and abrasion
- Meets recommendation XXI of the BfR (German Federal Institute for Risk Assessment) and the FDA

Technical data:

Nominal width Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure* bar	Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m
1/2	13	4,0	10	≥ 40	80	280
5/8	16	4,0	10	≥ 40	100	320
3/4	19	5,0	10	≥ 40	115	500
1	25	6,0	10	≥ 40	150	800
1 1/4	32	8,0	10	≥ 40	195	1.400
1 1/2	38	9,0	10	≥ 40	230	1.700
1 9/16	40	9,0	10	≥ 40	240	1.900
2	50	10,0	10	≥ 40	300	2.700
2 3/8	60	10,0	10	≥ 40	420	3.000
2 5/8	65	12,0	10	≥ 40	455	3.800
3	75	12,0	10	≥ 40	525	4.100
3 1/8	80	14,0	10	≥ 40	560	5.100
4	100	15,0	10	≥ 40	700	6.700

* With respect to room temperature Length in 40 m rolls

BLAUDIECK® LGDS

with inner steel-wire helix

- White, non-porous, smooth NBR inner lining
- Entirely tasteless and odorless
- Resistant to oils and greases inside and outside
- Temperature resistant up to +80°C (+90°C max. 20 minutes)
- Steamable up to +110°C (+130°C max. 20 minutes)
- Operating pressure up to 10 bar
- Reinforcement: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation, and abrasion
- Meets recommendation XXI of the BfR (German Federal Institute for Risk Assessment) and the FDA

Technical data:

Nominal width Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure* bar	Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m
3/4	19	5,0	10	≥ 40	60	600
1	25	6,0	10	≥ 40	80	880
1 1/4	32	6,0	10	≥ 40	100	1.100
1 1/2	38	6,5	10	≥ 40	115	1.430
1 9/16	40	7,0	10	≥ 40	130	1.640
2	50	8,0	10	≥ 40	150	2.170
2 1/8	53	7,0	10	≥ 40	160	2.000
2 3/8	60	7,0	10	≥ 40	170	2.350
2 1/2	63	7,0	10	≥ 40	180	2.470
2 5/8	65	8,0	10	≥ 40	190	2.870
3	75	8,0	10	≥ 40	225	3.310
3 1/8	80	8,0	10	≥ 40	300	3.510
4	100	9,0	10	≥ 40	350	4.650

* With respect to room temperature Length in 40 m rolls

BLAUDIECK® LGDU

- White, non-porous, smooth, unplasticized UPE inner lining
- Entirely tasteless and odorless
- Suitable for rectified spirit up to 98%
- Temperature resistant up to +85°C
- Steamable up to +130°C (max. 60 minutes)
- Operating pressure up to 12 bar
- Reinforcement: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation, and abrasion
- Meets recommendation III of the BfR (German Federal Institute for Risk Assessment) and the FDA

Technical data:

Nominal width Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure* bar	Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m
1	25	6,0	12	≥ 48	150	750
1 1/4	32	8,0	12	≥ 48	200	1.200
1 9/16	40	9,0	12	≥ 48	250	1.480
2	50	10,0	12	≥ 48	350	2.050
2 5/8	65	12,0	12	≥ 48	450	3.120
3	75	12,0	12	≥ 48	500	3.450
3 1/8	80	14,0	12	≥ 48	650	4.390
4	100	15,0	12	≥ 48	750	5.800

* With respect to room temperature Length in 40 m rolls

BLAUDIECK® LGDSU

with inner steel-wire helix

- White, non-porous, smooth, unplasticized UPE inner lining
- Entirely tasteless and odorless
- Suitable for rectified spirit up to 98%
- Temperature resistant up to +85°C
- Steamable up to +130°C (max. 60 minutes)
- Operating pressure up to 12 bar
- Reinforcement: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation, and abrasion
- Meets recommendation III of the BfR (German Federal Institute for Risk Assessment) and the FDA

Technical data:

Nominal width Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure* bar	Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m
1	25	6,0	12	≥ 48	170	760
1 1/4	32	6,0	12	≥ 48	200	1.050
1 9/16	40	7,0	12	≥ 48	250	1.450
2	50	8,0	12	≥ 48	330	2.000
2 5/8	65	8,0	12	≥ 48	430	2.520
3	75	8,0	12	≥ 48	500	2.840
3 1/8	80	8,0	12	≥ 48	530	3.050
4	100	9,0	12	≥ 48	660	4.180

* With respect to room temperature Length in 40 m rolls

BLAUDIECK® DS

Steam and hot water hose

The Blaudieck® DS steam and hot water hose was developed for reliable cleaning in practically every area of industry and other professional applications. The flexible construction makes it easy to handle while safely transporting hot water and steam.

- Black, non-porous, smooth, homogeneous CIIR inner lining
- Temperature resistant to max. +90°C (hot water) max. +164°C (steam – only open system)
- Operating pressure up to 6 bar (steam) or 18 bar (cold water)
- Reinforcement: synthetic fibres
- NBR cover, resistant to ozone, weather, UV radiation, and abrasion



Labeling:
Red-white "BLAUDIECK" logos on blue background

Reinforcement: synthetic fibres

Inner lining:
Black, non-porous, smooth, homogeneous CIIR inner lining

Cover:
NBR, blue, abrasion-resistant, resistant to ozone, weather, and UV radiation

Technical data:							
Nominal width	Inner-Ø	Wall thickness	Working pressure*		Minimum burst pressure*	Minimum bending radius	Weight
Zoll/Inch	mm	mm	Steam bar	Cold water bar	bar	approx. mm	approx. g/m
1/2	13	5,0	6	18	≥ 60	80	310
3/4	19	6,0	6	18	≥ 60	115	525
1	25	7,0	6	18	≥ 60	150	760

* With respect to room temperature Length in 40 m rolls

DINGA water-saving gun

The DINGA water-saving gun is extremely tough and has a long service life thanks to its high-quality brass/stainless steel construction.

In addition, it is protected against shock, heat, and cold by a lye- and acid-resistant rubber jacket. This gun cuts water and energy costs considerably and helps protect the environment when no harmful chemicals are used during the cleaning process. The desired jet strength can be adjusted continuously from a fine spray mist to a concentrated jet.

With these features, it is ideally suited for gentle and effective cleaning in practically any operation.

- Gentle and environmentally friendly cleaning
- Tough and with a long service life
- Water temperature max. 50°C (water-saving gun) max. 95°C (hot water cleaning gun)
- Operating pressure up to 24 bar
- Water flow 25 liters/minute at 5 bar
- Spare parts on request
- Resistant to lyes and acids
- Shock, heat, and cold-resistant
- Continuously adjustable jet strength
- Available for hose connection sizes 1/2", 3/4" and 1"



BLAUDIECK® hose coupling system

On request, ContiTech Schlauch GmbH supplies any desired hose length – with or without steel-wire helix – pre-fitted with the Blaudieck® hose coupling system. In the brewing, beverage and foodstuff industry, this system is a favored standard when an ultra-hygienic hose line is required which enables smooth media flow in the coupling area without any dead space and which can be easily cleaned mechanically (piggable). The high pressure resistance of the couplings helps prevent industrial accidents. The material 1.4301 is used as a standard; other materials on request.

On request we deliver the following coupling types:

- DIN 11851 standard milk pipe thread
- DIN 11864-1 aseptic
- ISO 2853 IDF international
- BS 4825 RJT British Standard
- SMS 1145 SMS Swedish Standard
- DS 722 DS Danish Standard
- Execution Inch clamp international, identical with DIN 32676, difference: diameter of sealing ring

- Suitable for a broad range of applications in the brewing, beverage and foodstuff industry
- Smooth and hygienically clean connection, without any transition between hose lining and coupling
- Hose end sealed tightly (no wicking effect)
- Resistance to pull-off forces at operating pressure
- No damage to the inner lining caused by the fitting process
- No change to cross-section in the coupling area
- Piggable
- Protective rubber rings available in blue



Technical data: Blaudieck® hose coupling systems are available for the following hose sizes															
Nominal width mm	25	32	32	40	40	50	50	65	65	75	75	80	80	100	100
Wall thickness mm	6	6	8	7	9	8	10	8	12	8	12	8	14	9	15

