

# 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 Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure*		Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m
			Steam bar	Cold water bar			
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.

- 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

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



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