



BLAUDIECK® Hose Coupling System female part

The piggable coupling - DIN 11851

Application

On request, ContiTech Schlauch GmbH supplies any desired hose length – either with or without steelwire – pre-fitted with the Blaudieck® coupling system. In the brewing, beverage and foodstuffs industries, this system is a recognized standard when an ultra-hygienic hose assembly is required which enables an easy flow of the product without any clearance volume and which can be easily cleaned mechanically (piggable). The high pressure resistance of the couplings helps prevent accidents. Stainless steel 1.4301 is used as a standard for this coupling system. Other materials on request.

Marking

"BLAUDIECK DN 50x8 - 1.4301"

On request we deliver the following coupling types

- › DIN 11864-1 aseptic
- › clamp - design Inch
- › ISO 2853 IDF international
- › BS 4825 RJT British Standard
- › SMS 1145 SMS Swedish Standard
- › DS 722 DS Danish Standard
- › Open welding end

Description

- › 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
- › No variation in cross-section within the couplings area
- › Piggable
- › Rubber protection rings available in blue

Technical data

nominal width zoll/inch	Inner- ø mm	wall thickness mm	working pressure		min. burst pressure		weight aprx. g/piece
			bar	psi	bar	psi	
1	25	6.0	12	174	48	696	540
1 1/4	32	6.0	12	174	48	696	720
1 1/4	32	8.0	12	174	48	696	720
1 2/3	40	7.0	12	174	48	696	900
1 2/3	40	9.0	12	174	48	696	900
2	50	8.0	12	174	48	696	1240
2	50	10.0	12	174	48	696	1240
2 5/8	65	8.0	12	174	48	696	1580
2 5/8	65	12.0	12	174	48	696	1980
3	75	8.0	12	174	48	696	3520
3	75	12.0	12	174	48	696	3520
3 1/8	80	8.0	12	174	48	696	3600
3 1/8	80	14.0	12	174	48	696	3800
4	100	9.0	12	174	48	696	5050
4	100	15.0	12	174	48	696	5050

Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability

