BLAUDIECK® LGDU

The beverage and foodstuff hose with UPE liner

Application

The BLAUDIECK® LGDU-hose offers high quality at a reasonable price. The hygienically smooth, non-porous UPE lining free of plasticizers is absolutely neutral to taste and odour and thus suitable for various applications in the beverage and foodstuffs industry. It is extremely 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 aggressive chemicals such as acids and caustics. Together with our swaged coupling systems and rubber protection rings it becomes the ideal hose assembly!

Marking

2 white stripes on blue cover “Continental ContiTech BLAUDIECK® UPE FDA glass/fork symbol BfR EG 1935/2004 2023/2006 Made in Germany” spirally applied

Description

- White, non-porous, smooth UPE lining, free of plasticizers, absolutely neutral to taste and odour
- Reinforcements: synthetic fibres
- Blue, fabric patterned NBR-cover, resistant to ozone, weather, UV and abrasion
- Working pressure up to 16 bar / 232 psi
- Temperature range from -30°C up to +95°C / -22°F up to +203°F (+110°C / +230 °F max. 60 minutes)
- Can be steamed up to +130°C / +266°F (max. 30 minutes)
- Suitable for pure alcohol up to 100%
- Lining and cover resistant to oil and fats
- Meets the requirements of EG 1935/2004, EG 2023/2006 and EU 10/2011
- Meets the recommendation III of BfR and FDA (21 CFR 177.1520)

Technical data

nominal width	inner-Ø	wall thickness	length	working pressure		min. burst pressure		Vacuum		min. bending radius	weight
inch	mm	mm	m	bar	psi	bar	psi	bar	mmHg	aprx. mm	aprx. g/m
1	25	6	40	16	232	48	696	-0,6	-450	150	750
1 1/4	32	8	40	16	232	48	696	-0,6	-450	200	1200
1 9/16	40	9	40	16	232	48	696	-0,6	-450	250	1480
2	50	10	40	16	232	48	696	-0,5	-375	350	2050
2 5/8	65	12	40	16	232	48	696	-0,5	-375	450	3120
3	75	12	40	16	232	48	696	-0,4	-300	500	3450
3 1/8	80	14	40	16	232	48	696	-0,4	-300	650	4390
4	100	15	40	16	232	48	696	-0,4	-300	750	5800

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

Industrial Fluid Systems
Industry Hose

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19.05.2016 | EN

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