BLAUDIECK® LGDS

The vacuum resistant beverage and foodstuff hose

Application

The BLAUDIECK® LGDS-hose as a vacuum resistant construction with an integrated steel wire helix offers high quality at a reasonable price. The hygienically smooth, non-porous lining is absolutely neutral to taste and odour and thus suitable for various applications in the beverage and food industry. It is 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 and fats. 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® FDA glass/fork symbol BfR EG 1935/2004 2023/2006 Made in Germany” spirally applied

Description

- White, non-porous and smooth NBR lining, absolutely neutral to taste and odour
- Reinforcements: synthetic fibres
- With steel wire helix
- 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 bis +80°C / -22°F up to +176°F (+90°C / +194°F max. 20 minutes)
- Can be steamed up to +110°C / +230°F (+130°C / +266°F max. 20 minutes)
- Lining and cover both resistant to oil and fats
- Meets the requirements of EG 1935/2004 and EG 2023/2006
- Meets the recommendation XXI cat. 2 of BfR and FDA (21 CFR 177.2600)

Technical data

nominal width	inner-Ø	wall thickness	length	steel wire helix	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
3/4	19	5	40	•	16	232	48	696	-0,8	-600	60	600
1	25	6	40	•	16	232	48	696	-0,8	-600	80	880
1 1/4	32	6	40	•	16	232	48	696	-0,8	-600	100	1100
1 1/2	38	6.5	40	•	16	232	48	696	-0,8	-600	115	1430
1 9/16	40	7	40	•	16	232	48	696	-0,8	-600	130	1640
2	50	8	40	•	16	232	48	696	-0,8	-600	150	2170
2 5/8	65	8	40	•	16	232	48	696	-0,8	-600	190	2870
3	75	8	40	•	16	232	48	696	-0,8	-600	225	3310
3 1/8	80	8	40	•	16	232	48	696	-0,8	-600	300	3510
4	100	9	40	•	16	232	48	696	-0,8	-600	350	4650

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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