



LACTOPAL[®] L

The suction-proof multi-purpose hose for the food industry

Application

LACTOPAL[®] L is the multi-purpose, high-class hose with steel wire helix for the food, pharmaceutical and cosmetic industry. The white lining is homogeneous, smooth, neutral to taste and odour and is especially designed for the transport of fatty and oily products. It is resistant to commonly used cleaning and disinfecting products. The incorporated steel wire helix makes LACTOPAL[®] L extremely flexible, lightweight and particularly resistant to suction. Together with our swaged coupling systems and rubber protection rings it becomes the ideal hose assembly!

Marking

Red spiral with integrated blue wavy line, interrupted by the words "Continental ContiTech LACTOPAL[®] FDA glass/fork symbol BfR EG 1935/2004 2023/2006 Made in Germany" on blue cover, spirally applied

Description

- › White, homogenous and non-porous 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 up to +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 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 inch	inner-Ø mm	wall thickness mm	length m	steel wire helix	working pressure		min. burst pressure		Vacuum		min. bending radius aprx. mm	weight aprx. g/m
					bar	psi	bar	psi	bar	mmHg		
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 1/8	53	7	40	•	16	232	48	696	-0,8	-600	160	2000
2 3/8	60	7	40	•	16	232	48	696	-0,8	-600	170	2350
2 1/2	63	7	40	•	16	232	48	696	-0,8	-600	180	2470
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 and adequate bending radius / High pressure and/or temperature lead to reduced component durability

