



# LACTOPAL®

## The multi-purpose hose for the food industry

### Application

LACTOPAL® is the multi-purpose, high-class hose for the food, pharmaceutical and cosmetic industry. The white lining, resistant to fatty and oily products, is homogeneous, smooth and neutral to taste and odour. It is resistant to commonly used cleaning and disinfecting products. Especially developed for rough working conditions LACTOPAL® is robust, ensuring dimensional stability and resists running over by trucks. 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
- › 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 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)
- › 2 years warranty

### Technical data

nominal width	inner-Ø	wall thickness	length	working pressure		min. burst pressure		Vacuum		min. bending radius	weight
				bar	psi	bar	psi	bar	mmHg		
inch	mm	mm	m							aprx. mm	aprx. g/m
1/2	13	4	40	16	232	48	696	-0,6	-450	80	280
5/8	16	4	40	16	232	48	696	-0,6	-450	100	320
3/4	19	5	40	16	232	48	696	-0,6	-450	115	500
1	25	6	40	16	232	48	696	-0,5	-375	150	800
1 1/4	32	8	40	16	232	48	696	-0,5	-375	195	1400
1 1/2	38	9	40	16	232	48	696	-0,5	-375	230	1700
1 9/16	40	9	40	16	232	48	696	-0,5	-375	240	1900
2	50	10	40	16	232	48	696	-0,4	-300	300	2700
2 3/8	60	10	40	16	232	48	696	-0,4	-300	420	3000
2 5/8	65	12	40	16	232	48	696	-0,4	-300	455	3800
2 3/4	70	12	40	16	232	48	696	-0,3	-225	490	3900
3	75	12	40	16	232	48	696	-0,3	-225	525	4100
3 1/8	80	14	40	16	232	48	696	-0,3	-225	560	5100
4	100	15	40	16	232	48	696	-0,3	-225	700	6700

Pressure and vacuum based on room temperature and adequate bending radius / High pressure and/or temperature lead to reduced component durability / Warranty refers to faulty material and manufacture provided that couplings have been fitted by experts, that the recommended working conditions have been respected and that the hose has been used properly

