



# FLUOROPAL® Food + Drink

## The high-end hose for the food and beverage industry

### Application

FLUOROPAL® Food + Drink is the premium high-end hose for pharmaceutical and cosmetic industrial applications in a range of limited conditions, as well as for the food and beverage industry. Due to its fluoroplastic lining the FLUOROPAL® is resistant to the most extreme temperature ranges. Constant temperatures up to +125°C (+257°F) and short-term temperatures for cleaning up to +150°C (+320°F) are no problem. Moreover, the all-rounder is highly resistant to commonly used cleaning and disinfecting products and almost all chemicals. The high-temperature resistant EPDM-cover is resistant to ozone and weather. Combined with our swaged fitting systems and blue protective rubber rings, the result is the ideal hose assembly.

### Marking

2 red spiral stripes with integrated white wavy line, interrupted by the words "Continental ContiTech FLUOROPAL® FDA glass/fork symbol BfR EG 1935/2004 2023/2006 Made in Germany" on blue cover, spirally applied

### Description

- › White, seamless smooth, anti-adhesive fluoroplastic lining, absolutely neutral to taste and odour
- › Reinforcements: synthetic fibres
- › With steel wire helix
- › Blue, fabric patterned EPDM-cover, resistant to ozone, weather, UV and abrasion
- › Working pressure up to 16 bar / 232 psi
- › Temperature range from -30°C up to +125°C / -22°F up to +257°F, short term up to +150°C / +302°F
- › Can be steamed up to +150°C / +302°F (max. 30 minutes)
- › Meets the requirements of EG 1935/2004, EG 2023/2006 and EU 10/2011
- › Meets FDA (21 CFR 177.1550)
- › Meets the recommendation XXI cat. 2 of BfR
- › Meets USP Class VI

### Technical data

nominal width	inner-Ø	wall thickness	length	steel wire helix	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	4.5	40		16	232	48	696	-0,6	-450	50	330
3/4	19	5.5	40	•	16	232	48	696	-0,8	-600	80	650
1	25	6	40	•	16	232	48	696	-0,8	-600	100	830
1 1/4	32	6	40	•	16	232	48	696	-0,8	-600	125	1090
1 9/16	40	7	40	•	16	232	48	696	-0,8	-600	160	1515
2	50	8	40	•	16	232	48	696	-0,8	-600	200	2130
2 5/8	65	8	40	•	16	232	48	696	-0,8	-600	260	2900
3	75	8	40	•	16	232	48	696	-0,8	-600	300	3320
3 1/8	80	8	40	•	16	232	48	696	-0,8	-600	320	3510

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

