



# CONTI® FOOD & DRINK FLEX NBR

Movable, comfortable, resistant



**LABEL:** 2 white stripes on blue cover "Continental CONTI® FOOD & DRINK FLEX NBR FDA Glas-/Gabel-Symbol BfR EG 1935/2004 2023/2006 Made in Germany"

## APPLICATIONS

Industrial processing of oil-, grease- and fruit-based substances,  
Milk processing industry

## FLOW MEDIUM

Buttermilk, Cheese, Chocolate, Cottage cheese, Dairy ice cream,  
Dough, Egg yolk, Fats, Fruit ice cream, Fruits, Gelatine, Ice, Juice,  
Ketchup, Milk, Milk powder, Mustard, Oils, Rice pudding, Sugar  
syrup, Tallow, Yoghurt

## STANDARD / APPROVAL



## DESCRIPTION

- Inner lining:** NBR, white, absolutely neutral to taste and odour, non-porous, smooth
- Reinforcements:** Synthetic fibres  
With integrated plastic helix
- Cover:** NBR, blue, fabric patterned, abrasion resistant, resistant to ozone, weather and UV
- Working pressure up to:** 12 bar / 174 psi
- Temperature range:** from -30 °C / -22 °F up to +80 °C / +176 °F  
up to +90 °C / +194 °F (max. 10 minutes)
- Dampable up to:** +110 °C / +230 °F (max. 10 minutes)
- Further properties:** 2 years warranty  
Highly flexible  
Kink-resistant  
Lightweight  
Lining and cover both resistant to oil and fats  
Recommended fittings system PAGUFIX®  
Resistant to commonly used cleaning and disinfecting products

## TECHNICAL DATA

nominal width	inner-Ø	wall thickness	outer-Ø	length	helix	working pressure	min. burst pressure	vacuum	min. bending radius	weight		
zoll/inch	mm	mm	mm	m	helix	bar	psi	bar	mmHG	aprx. g/ m		
1	25	6	37	40	●	12	174	36	522	-0.8 -600	125	770
1 1/4	32	6	44	40	●	12	174	36	522	-0.8 -600	190	1030
1 1/2	38	6.5	51	40	●	12	174	36	522	-0.8 -600	190	1190
2	50	8	66	40	●	12	174	36	522	-0.8 -600	250	1880
2 1/2	63	7.5	78	40	●	12	174	36	522	-0.8 -600	325	2140
2 5/8	65	8	81	40	●	12	174	36	522	-0.8 -600	325	2380
3	75	8	91	40	●	12	174	36	522	-0.8 -600	375	2710
3 1/8	80	8	96	40	●	12	174	36	522	-0.8 -600	500	2860
4	100	9	118	40	●	12	174	36	522	-0.8 -600	400	3990

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

### Industrial Fluid Solutions

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