



## High-Quality Hose Range for the F&B industry



# Development and Product Expertise for 100% Pure Taste

## Made in Germany

The white, homogeneous, food-safe special inner lining is absolutely odorless and has no effect on taste

The high-quality textile reinforcing agent ensures compressive strength and dimensional stability

The robust and abrasion-resistant hose cover can consistently withstand the strongest of operational stresses



One thing is clear: product safety has topmost priority at all stages of food manufacturing. We make a substantial contribution to process cleanliness with our hoses. This is because our engineers are constantly thinking about the best recipe, just like a master brewer, baker or head chef. The result takes the form of high-performance hoses that have been tailored precisely to the substance and area of use. Together with the Continental fittings system, they form reliable hose lines that offer impressive performance in everyday working applications. That is all thanks to hygienic flow, robustness, a long life and an optimum price-performance ratio throughout the entire service life.

Inner lining material	Color of inner lining	Alcohol >20%	Alcohol <20%	Beer / wine / sparkling wine	Buttermilk	Gelatine	Egg yolk
PURPLE SNAKE®	EPDM	white	●	●	●	●	●
PURPLE SNAKE® PLUS CONDUCTIVE	UPE with black coiled OHM conductive stripe inside	white	●	●	●	●	●
BLAUDIECK® LGD BLAUDIECK® LGDS	NBR	white	X	●	●	●	●
BLAUDIECK® LGDU BLAUDIECK® LGDSU	UPE	white	●	●	●	●	●
LACTOPAL® LACTOPAL® L	NBR	white	X	●	●	●	●
CONTI® FOOD & DRINK FLEX EPDM	EPDM	white	●	●	●	●	●
CONTI® FOOD & DRINK FLEX NBR	NBR	white	X	●	●	●	●
CONTI® FOOD & DRINK FLEX UPE	UPE	white	●	●	●	●	●
FLUOROPAL®	Fluoroplastic	white	●	●	●	●	●
COLLECTOR® COLLECTOR® FLEX	NR	white	X	●	●	●	X
TRIX® MULTIFOOD	NBR	white	X	●	●	●	●

Key: ● Recommendation | ● Resistant | ● Resistant, but not recommended | X Not suitable

Vinegar	Fruit pieces	Chocolate (liquid)	Fishmeal	Granulate (sugar, salt etc.)	Ketchup/mustard	Cheese	Milk	Powdered milk	Rice pudding / cottage cheese	Lactic acid	Oils and greases	Powder (flour, powder etc.)	Juices (apple, orange etc.)	Spirits	Ice cream (dairy ice cream)	Ice cream (sorbet)	Yoghurt	Dough	Suet	Citric acid (granulate)	Citric acid (liquid)	Sugar syrup
●	●	X	X	X	●	X	●	●	X	●	X	●	●	●	X	●	X	X	X	X	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
X	●	●	●	X	●	●	●	●	●	X	●	X	●	X	●	●	●	●	●	X	X	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
X	●	●	●	X	●	●	●	●	●	X	●	X	●	X	●	●	●	●	●	X	X	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
X	●	X	X	X	●	X	●	X	X	X	X	X	●	X	X	●	●	X	X	X	X	●
X	●	●	●	X	●	●	●	●	●	X	●	X	●	X	●	●	●	●	●	X	X	●

# PURPLE SNAKE®

Valued by brewers

## Application areas

- > Breweries
- > Wineries
- > Beverage industry



## Properties

### Inner lining

White, non-porous special inner lining designed for use with foodstuffs, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread

### Hose cover

Red, finish-fabric-patterned special-purpose hose cover designed for foodstuffs; resistant to ozone, weather and UV; abrasion-resistant

### Special characteristics

Three-year warranty

**Operating pressure:** up to 16 bar (232 psi)

**Temperature:** -30°C to +90°C (-22°F to +194°F)

up to +100°C (+212°F) max. 60 minutes

**Steam:** up to +130°C (+266°F) max. 30 minutes

## Recommended fittings system

PAGUFIX®

**REACH EU BfR FDA**

EC Regulation no. 1907/2006

EU Regulations 1935/2004 and 2023/2006

German legislation. XXI recommendation Cat. 2 of the German Federal Institute for Risk Assessment (BfR)

FDA Regulation 177.2600



## Technical data - PURPLE SNAKE®

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
1/2	13	3.5	40		16	232	48	696	-0.6	-456	80	250
5/8	16	4.0	40		16	232	48	696	-0.6	-456	100	300
3/4	19	5.0	40		16	232	48	696	-0.6	-456	120	450
1	25	6.0	40		16	232	48	696	-0.5	-380	160	750
1 1/4	32	8.0	40		16	232	48	696	-0.5	-380	190	1200
1 1/4	32	8.0	60		16	232	48	696	-0.5	-380	190	1200
1 1/2	38	9.0	40		16	232	48	696	-0.5	-380	230	1600
1 9/16	40	9.0	40		16	232	48	696	-0.5	-380	240	1650
2	50	8.0	40	*	16	232	48	696	-0.8	-608	250	2050
2	50	10.0	40		16	232	48	696	-0.4	-304	300	2200
2 5/8	65	12.0	40		16	232	48	696	-0.4	-304	450	3300
3	75	8.0	40	*	16	232	48	696	-0.8	-608	375	3150
3	75	12.0	40		16	232	48	696	-0.3	-228	500	3800
3 1/8	80	8.0	40	*	16	232	48	696	-0.8	-608	400	3320
3 1/8	80	14.0	40		16	232	48	696	-0.3	-228	560	4800
4	100	9.0	40	*	16	232	48	696	-0.8	-608	500	4850
4	100	15.0	40		16	232	48	696	-0.3	-228	700	6400

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# PURPLE SNAKE® PLUS CONDUCTIVE

## Ex-zones - no problem

### Application areas

- > Burners
- > Distilleries
- > Granular and powdery materials



### Properties

#### Inner lining

White, non-porous, smooth, plasticizer-free UPE inner lining, with black coiled OHM conductive stripe, absolutely odorless and with no effect on taste

#### Reinforcement

Synthetic thread, with integrated steel wire helix

#### Hose cover

Red, finish-fabric-patterned special-purpose hose cover with black coiled OHM conductive stripe, resistant to ozone, weather and UV, abrasion-resistant

#### Special characteristics

Suitable for pure alcohol up to 100%; electrically conductive ( $R < 10^9 \Omega$ ) thanks to the complete hose wall; electrical conductivity ( $R < 10^6 \Omega$ ) across the entire hose length; three-year warranty

**Operating pressure:** up to 16 bar (232 psi)

**Temperature:** -30°C to +95°C (-22°F to +203°F)

up to +110°C (+230°F) max. 60 minutes

**Steam:** up to +130°C (+266°F) max. 30 minutes

### Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU Regulations 1935/2004, 2023/2006 and 10/2011

German legislation, recommendation III

FDA Regulation 177.1520



### Technical data - PURPLE SNAKE® PLUS CONDUCTIVE

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m									
1	25	6.0	40	*	16	232	48	696	-0.9	-675	100	800
1 1/4	32	6.0	40	*	16	232	48	696	-0.9	-675	125	1050
1 9/16	40	7.0	40	*	16	232	48	696	-0.9	-675	150	1450
2	50	8.0	40	*	16	232	48	696	-0.9	-675	200	2200
2 5/8	65	8.0	40	*	16	232	48	696	-0.9	-675	250	2570
3	75	8.0	60	*	16	232	48	696	-0.9	-675	300	2850
3 1/8	80	8.0	40	*	16	232	48	696	-0.8	-608	300	3100
4	100	9.0	40	*	16	232	48	696	-0.8	-608	400	4700

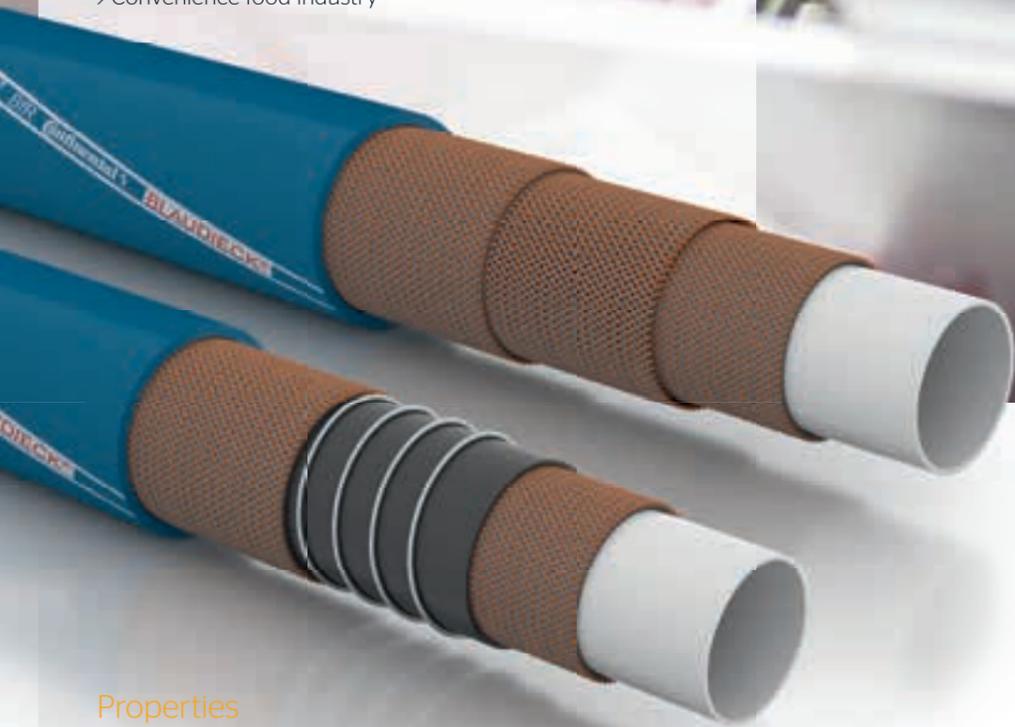
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# BLAUDIECK® LGD/LGDS

Practical, functional,  
acclaimed

## Application areas

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



## Properties

### Inner lining

White, homogeneous, non-porous NBR inner lining is absolutely odorless and has no effect on taste

### Reinforcement

Synthetic thread, with integrated steel wire spiral (LGDS)

### Hose cover

Blue, finish-fabric-patterned NBR outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Resistant to oils and grease inside and outside;  
two-year warranty

**Operating pressure:** up to 16 bar (232 psi)  
**Temperature:** -30°C to +80°C (-22°F to +176 °F)  
up to +90°C (+194°F) max. 20 minutes  
up to +110°C (+230°F)  
**Steam:** up to +130°C (+266°F) max. 20 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation  
no. 1907/2006

EU Regula-  
tions  
1935/2004  
and  
2023/2006

German legisla-  
tion. XXI recom-  
mendation Cat. 2  
of the German  
Federal Institute  
for Risk Assess-  
ment (BfR)

FDA Regula-  
tion  
177.2600

## Technical data - BLAUDIECK® LGD

Nominal inner diameter	Inner diameter	Wall thick-ness	Length	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
				bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m	bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
1/2	13	4	40	16	232	48	696	-0.6	-456	80	280
5/8	16	4	40	16	232	48	696	-0.6	-456	100	320
3/4	19	5	40	16	232	48	696	-0.6	-456	115	500
1	25	6	40	16	232	48	696	-0.5	-380	150	800
1 1/4	32	8	40	16	232	48	696	-0.5	-380	195	1400
1 1/2	38	9	40	16	232	48	696	-0.5	-380	230	1700
1 9/16	40	9	40	16	232	48	696	-0.5	-380	240	1900
2	50	10	40	16	232	48	696	-0.4	-304	300	2700
2 5/8	65	12	40	16	232	48	696	-0.4	-304	455	3800
3	75	12	40	16	232	48	696	-0.3	-228	525	4100
3 1/8	80	14	40	16	232	48	696	-0.3	-228	560	5100
4	100	15	40	16	232	48	696	-0.3	-228	700	6700

## Technical data - BLAUDIECK® LGDS (with steel wire spiral)

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
1/3	19	5	40	*	16	232	48	696	-0.8	-608	60	600
1	25	6	40	*	16	232	48	696	-0.8	-608	80	880
1 1/4	32	6	40	*	16	232	48	696	-0.8	-608	100	1100
1 1/2	38	6.5	40	*	16	232	48	696	-0.8	-608	115	1430
1 9/16	40	7	40	*	16	232	48	696	-0.8	-608	130	1640
2	50	8	40	*	16	232	48	696	-0.8	-608	150	2170
2 5/8	65	8	40	*	16	232	48	696	-0.8	-608	190	2870
3	75	8	40	*	16	232	48	696	-0.8	-608	225	3310
3 1/8	80	8	40	*	16	232	48	696	-0.8	-608	300	3510
4	100	9	40	*	16	232	48	696	-0.8	-608	350	4650

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# BLAUDIECK® LGDU/LGDSU

Robust, cost-effective,  
functional

## Application areas

- > Industrial processing of flavorings, seasonings, gourmet food, fruit juices, lemonades & confectionery
- > Convenience food industry



## Properties

### Inner lining

White, non-porous, plasticizer-free UPE inner lining, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread, with integrated steel wire spiral (LGDSU)

### Hose cover

Blue, finish-fabric-patterned NBR outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Resistant to oils and grease inside and outside; two-year warranty

**Operating pressure:** up to 16 bar (232 psi)

**Temperature:** -30°C to +95°C (-22°F to +203°F)

up to +110°C (+230°F) max. 60 minutes

up to +130°C (+266°F) max. 30 minutes

**Steam:**

## Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU Regulations 1935/2004, 2023/2006 and 10/2011

German legislation, recommendation III

FDA Regulation 177.1520

## Technical data - BLAUDIECK® LGDU

Nominal inner diameter	Inner diameter	Wall thickness	Length	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
				bar	psi	bar	psi	bar	mmHg		
1	25	6	40	16	232	48	696	-0.6	-456	150	750
1 1/4	32	8	40	16	232	48	696	-0.6	-456	200	1200
1 9/16	40	9	40	16	232	48	696	-0.6	-456	250	1480
2	50	10	40	16	232	48	696	-0.5	-380	350	2050
2 5/8	65	12	40	16	232	48	696	-0.5	-380	450	3120
3	75	12	40	16	232	48	696	-0.4	-304	500	3450
3 1/8	80	14	40	16	232	48	696	-0.4	-304	650	4390
4	100	15	40	16	232	48	696	-0.4	-304	750	5800

## Technical data - BLAUDIECK® LGDSU (with steel wire spiral)

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
1	25	6	40	*	16	232	48	696	-0.8	-608	170	760
1 1/4	32	6	40	*	16	232	48	696	-0.8	-608	200	1050
1 9/16	40	7	40	*	16	232	48	696	-0.8	-608	250	1450
2	50	8	40	*	16	232	48	696	-0.8	-608	330	2000
2 5/8	65	8	40	*	16	232	48	696	-0.8	-608	430	2520
3	75	8	40	*	16	232	48	696	-0.8	-608	500	2840
3 1/8	80	8	40	*	16	232	48	696	-0.8	-608	530	3050
4	100	9	40	*	16	232	48	696	-0.8	-608	660	4180

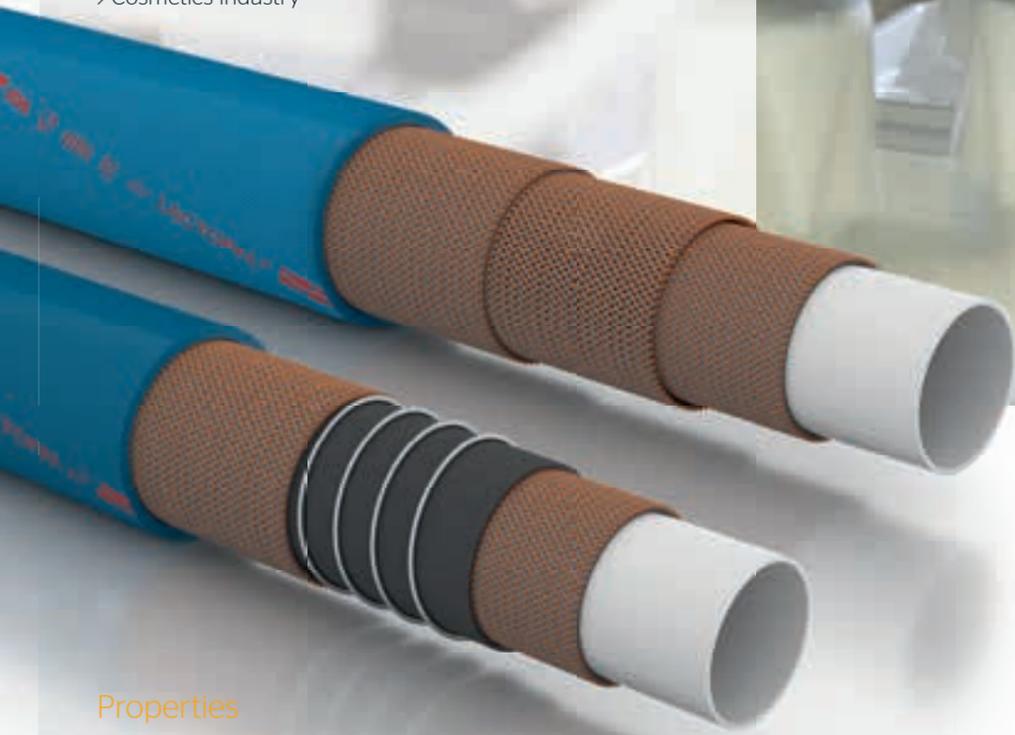
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# LACTOPAL® LACTOPAL® L

High-quality, dependable,  
outstanding

## Application areas

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



## Properties

### Inner lining

White, homogeneous, non-porous NBR inner lining is absolutely odorless and has no effect on taste

### Reinforcement

Synthetic thread, with integrated steel wire spiral (Lactopal® L)

### Hose cover

Blue, finish-fabric-patterned NBR outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Resistant to oils and grease inside and outside;  
two-year warranty

**Operating pressure:** up to 16 bar (232 psi)  
**Temperature:** -30°C to +80°C (-22°F to +176°F)  
up to +90°C (+194°F) max. 20 minutes  
up to +110°C (+230°F)  
**Steam:** up to +130°C (+266°F) max. 20 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU Regulations 1935/2004 and 2023/2006

German legislation, XXI recommendation Cat. 2 of the German Federal Institute for Risk Assessment (BfR)

FDA Regulation 177.2600

## Technical data - LACTOPAL®

Nominal inner diameter	Inner diameter	Wall thickness	Length	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
				bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m							approx. mm	approx. g/m
1/3	13	4	40	16	232	48	696	-0.6	-456	80	280
5/8	16	4	40	16	232	48	696	-0.6	-456	100	320
3/4	19	5	40	16	232	48	696	-0.6	-456	115	500
1	25	6	40	16	232	48	696	-0.5	-380	150	800
1 1/4	32	8	40	16	232	48	696	-0.5	-380	195	1400
1 1/2	38	9	40	16	232	48	696	-0.5	-380	230	1700
1 9/16	40	9	40	16	232	48	696	-0.5	-380	240	1900
2	50	10	40	16	232	48	696	-0.4	-304	300	2700
2 3/8	60	10	40	16	232	48	696	-0.4	-304	420	3000
2 5/8	65	12	40	16	232	48	696	-0.4	-304	455	3800
2 3/4	70	12	40	16	232	48	696	-0.3	-228	490	3900
3	75	12	40	16	232	48	696	-0.3	-228	525	4100
3 1/8	80	14	40	16	232	48	696	-0.3	-228	560	5100
4	100	15	40	16	232	48	696	-0.3	-228	700	6700



## Technical data - LACTOPAL® L (with steel wire spiral)

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m							approx. mm	approx. g/m	
3/4	19	5	40	*	16	232	48	696	-0.8	-608	60	600
1	25	6	40	*	16	232	48	696	-0.8	-608	80	880
1 1/4	32	6	40	*	16	232	48	696	-0.8	-608	100	1100
1 1/2	38	6.5	40	*	16	232	48	696	-0.8	-608	115	1430
1 9/16	40	7	40	*	16	232	48	696	-0.8	-608	130	1640
2	50	8	40	*	16	232	48	696	-0.8	-608	150	2170
2 1/8	53	7	40	*	16	232	48	696	-0.8	-608	160	2000
2 3/8	60	7	40	*	16	232	48	696	-0.8	-608	170	2350
2 1/2	53	7	40	*	16	232	48	696	-0.8	-608	180	2470
2 5/8	65	8	40	*	16	232	48	696	-0.8	-608	190	2870
3	75	8	40	*	16	232	48	696	-0.8	-608	225	3310
3 1/8	80	8	40	*	16	232	48	696	-0.8	-608	300	3510
4	100	9	40	*	16	232	48	696	-0.8	-608	350	4650

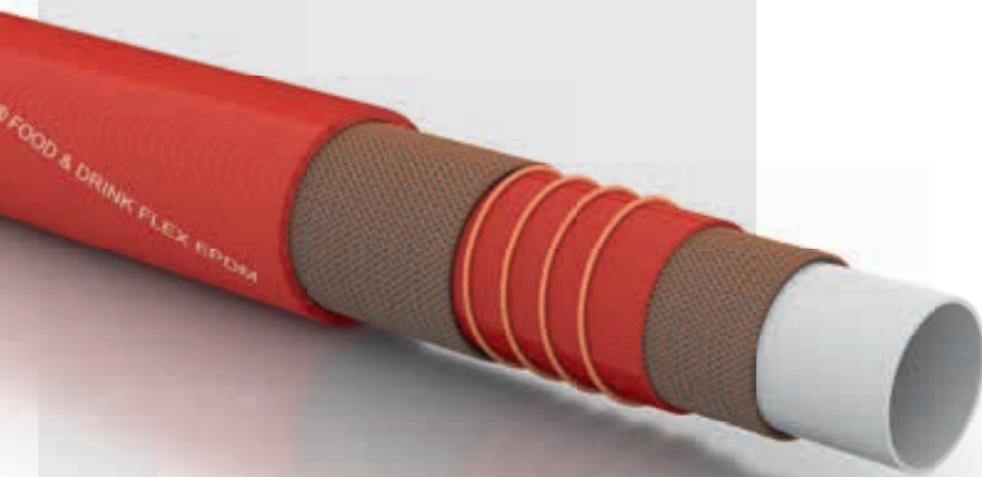
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# CONTI® FOOD & DRINK FLEX EPDM

Flexible, easy to handle,  
lightweight

## Application areas

- > Wineries
- > Breweries
- > Beverage industry



## Properties

### Inner lining

White, non-porous, smooth EPDM inner lining, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread, with integrated plastic spiral

### Hose cover

Red, finish-fabric-patterned EPDM outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Highly flexible and lightweight; resistant to kinking; two-year warranty

**Operating pressure:** up to 12 bar (174 psi)

**Temperature:** -30°C to +90°C (-22°F to +194°F)  
up to +100°C (+212°F) max. 20 minutes

**Steam:** +130°C (+266°F) max. 10 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation  
no. 1907/2006

EU  
Regulations  
1935/2004  
and  
2023/2006

German legisla-  
tion. XXI recom-  
mendation Cat. 2  
of the German  
Federal Institute  
for Risk Assess-  
ment (BfR)

FDA Regula-  
tion  
177.2600



## Technical data - CONTI® FOOD & DRINK FLEX EPDM

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m									
1	25	6	40	*	12	174	36	522	-0.8	-600	125	680
1 1/2	38	6.5	40	*	12	174	36	522	-0.8	-600	190	1150
2	50	8	40	*	12	174	36	522	-0.8	-600	250	1660
2 1/2	63	7.5	40	*	12	174	36	522	-0.8	-600	315	1970
2 5/8	65	8	40	*	12	174	36	522	-0.8	-600	325	2170
3	75	8	40	*	12	174	36	522	-0.8	-600	375	2470
3 1/8	80	8	40	*	12	174	36	522	-0.8	-600	400	2620
4	100	9	40	*	12	174	36	522	-0.8	-600	500	3700

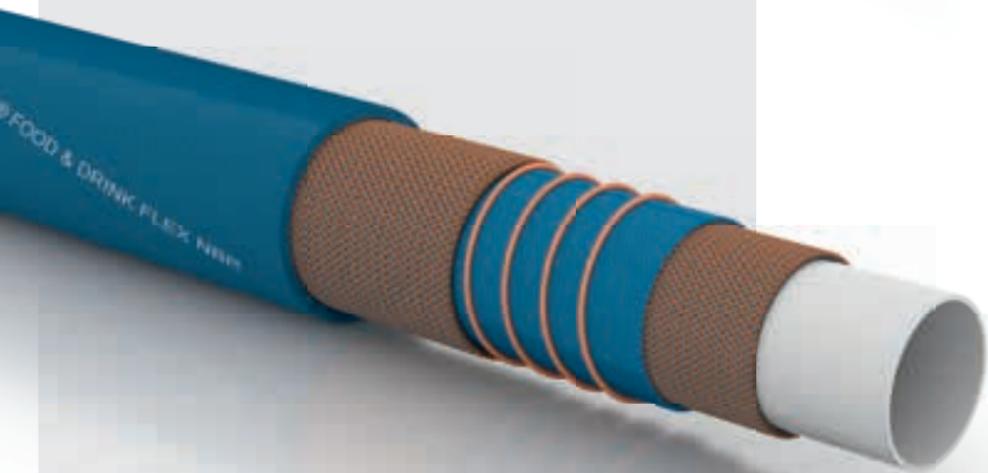
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# CONTI® FOOD & DRINK FLEX NBR

Flexible, convenient,  
resistant

## Application areas

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



## Properties

### Inner lining

White, non-porous, smooth NBR inner lining, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread, with integrated plastic spiral

### Hose cover

Blue, finish-fabric-patterned NBR outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Resistant to oils and grease inside and outside; highly flexible and lightweight; resistant to kinking; two-year warranty

**Operating pressure:** up to 12 bar (174 psi)

**Temperature:** -30°C to +80°C (-22°F to +176°F)

up to +90°C (+194°F) max. 10 minutes

**Steam:** up to +110°C (+230°F) max. 10 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU Regulations 1935/2004 and 2023/2006

German legislation, XXI recommendation Cat. 2 of the German Federal Institute for Risk Assessment (BfR)

FDA Regulation 177.2600



## Technical data - CONTI® FOOD & DRINK FLEX NBR

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius approx. mm	Weight approx. g/m
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
1	25	6	40	*	12	174	36	522	-0.8	-600	125	680
1 1/2	38	6.5	40	*	12	174	36	522	-0.8	-600	190	1150
2	50	8	40	*	12	174	36	522	-0.8	-600	250	1660
2 1/2	63	7.5	40	*	12	174	36	522	-0.8	-600	315	1970
2 5/8	65	8	40	*	12	174	36	522	-0.8	-600	325	2170
3	75	8	40	*	12	174	36	522	-0.8	-600	375	2470
3 1/8	80	8	40	*	12	174	36	522	-0.8	-600	400	2620
4	100	9	40	*	12	174	36	522	-0.8	-600	500	3700

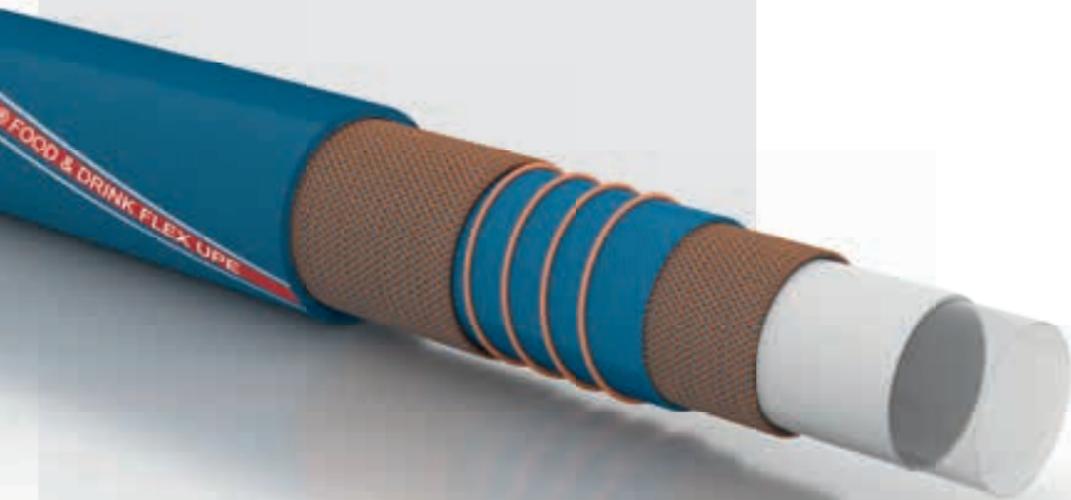
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# CONTI® FOOD & DRINK FLEX UPE

Flexible, high-performance, versatile

## Application areas

- > Industrial processing of flavorings, seasonings, gourmet food, fruit juices, lemonades & confectionery
- > Convenience food industry



## Properties

### Inner lining

White, non-porous, smooth, plasticizer-free UPE inner lining, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread, with integrated plastic spiral

### Hose cover

Blue, finish-fabric-patterned EPDM outer lining, abrasion-, ozone-, weather- and UV-resistant

### Special characteristics

Highly flexible and lightweight; resistant to kinking; inner lining resistant to oil and grease; two-year warranty

**Operating pressure:** up to 12 bar (174 psi)

**Temperature:** -30°C to +95°C (-22°F to +203°F)  
up to +110°C (+230°F) max. 30 minutes

**Steam:** up to +130°C (+266°F) max. 10 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU Regulations 1935/2004, 2023/2006 and 10/2011

German legislation, recommendation III

FDA Regulation 177.1520



## Technical data - CONTI® FOOD & DRINK FLEX UPE

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m									
1	25	6	40	*	12	174	36	522	-0.8	-600	125	710
1 1/4	32	6.5	40	*	12	174	36	522	-0.8	-600	190	930
1 1/2	38	6.5	40	*	12	174	36	522	-0.8	-600	190	1070
2	50	8	40	*	12	174	36	522	-0.8	-600	250	1710
2 1/2	63	7.5	40	*	12	174	36	522	-0.8	-600	315	2010
2 5/8	65	8	40	*	12	174	36	522	-0.8	-600	325	2210
3	75	8	40	*	12	174	36	522	-0.8	-600	375	2520
3 1/8	80	8	40	*	12	174	36	522	-0.8	-600	400	2570
4	100	9	40	*	12	174	36	522	-0.8	-600	500	3540

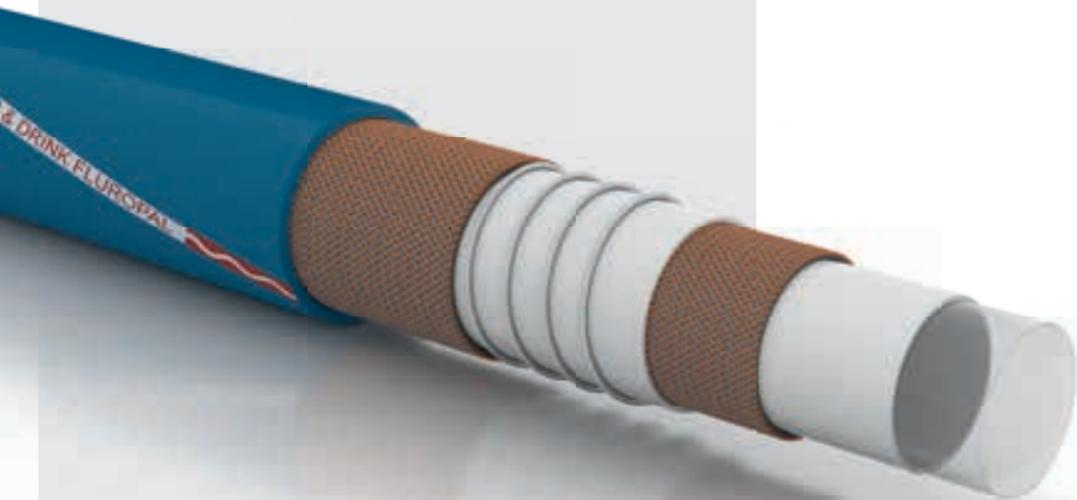
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# FLUOROPAL® FOOD & DRINK

High-tech for discerning users

## Application areas

> Industrial processing under the most extreme of conditions (regarding temperature, concentration, permanent use)



### Recommended fittings system

PAGUFIX®

## Properties

### Inner lining

White, seamlessly smooth, anti-adhesive fluorescent plastic inner lining, absolutely odorless and with no effect on taste

### Reinforcement

Synthetic thread, with integrated steel wire spiral

### Hose cover

Blue, finish-fabric-patterned EPDM outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristics

Continuous temperature up to 125°C; steamable up to 150°C

**Operating pressure:** up to 16 bar (232 psi)

**Temperature:** -30°C to +125°C (-22°F to +257°F) temporarily up to +150°C (+302°F)

**Steam:** up to +150°C (+302°F) max. 30 minutes

**REACH EU USP FDA**

EC Regulation no. 1907/2006

EU Regulations 1935/2004, 2023/2006 and 10/2011

CLASS VI

FDA Regulation 177.1550



## Technical data - FLUOROPAL® FOOD & DRINK

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m									
1/2	13	4.5	40		16	232	48	696	-0.6	-456	50	330
3/4	19	5.5	40	*	16	232	48	696	-0.8	-608	80	650
1	25	6	40	*	16	232	48	696	-0.8	-608	100	830
1 1/4	32	6	40	*	16	232	48	696	-0.8	-608	125	1090
1 9/16	40	7	40	*	16	232	48	696	-0.8	-608	160	1515
2	50	8	40	*	16	232	48	696	-0.8	-608	200	2130
2 5/8	65	8	40	*	16	232	48	696	-0.8	-608	260	2900
3	75	8	40	*	16	232	48	696	-0.8	-608	300	3320
3 1/8	80	8	40	*	16	232	48	696	-0.8	-608	320	3510

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# COLLECTOR® COLLECTOR® FLEX

Recommended by milk delivery drivers

## Application areas

- > Milk collection vehicles
- > Milk reception



## Properties

### Inner lining

White, homogeneous, non-porous NR inner lining is absolutely odorless and has no effect on the taste of the milk

### Reinforcement

Synthetic thread, with integrated steel wire spiral (COLLECTOR®) or plastic spiral (COLLECTOR® FLEX)

### Hose cover

Blue, finish-fabric-patterned NR outer lining, ozone-, weather-, UV- and abrasion-resistant

### Special characteristic

Highly flexible and lightweight; robust plastic spiral

**Operating pressure:** up to 6 bar (87 psi)

**Temperature:** -40°C to +70°C (-40°F to +158°F)

up to +90°C (+194°F) max. 20 minutes

**Steam:** up to +130°C (+266°F) max. 20 minutes

## Recommended fittings system

PAGUFIX®



EC Regulation no. 1907/2006

EU regulations 1935/2004 and 2023/2006

German legislation, XXI recommendation Cat. 2 of the German Federal Institute for Risk Assessment (BfR)

FDA Regulation 177.2600

## Technical data - COLLECTOR® (with steel wire helix)

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
1 1/2	38	5.5	40	*	6	261	18	261	-0.8	-608	76	1200
1 9/16	40	5.5	40	*	6	261	18	261	-0.8	-608	80	1300
1 3/4	45	5.5	40	*	6	261	18	261	-0.8	-608	90	1400
2	50	5.5	40	*	6	261	18	261	-0.8	-608	100	1500
2 1/8	53	5.5	40	*	6	261	18	261	-0.8	-608	106	1600
2 1/2	63	6	40	*	6	261	18	261	-0.8	-608	126	2200
2 5/8	65	7	40	*	6	261	18	261	-0.8	-608	140	2500
3	75	7	40	*	6	261	18	261	-0.8	-608	170	3000
4	100	8	40	*	6	261	18	261	-0.8	-608	250	4550

## Technical data - COLLECTOR® FLEX (with plastic helix)

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
					bar	psi	bar	psi	bar	mmHg		
1 9/16	40	6.5	40	*	6	87	18	261	-0.8	-608	120	1290
1 3/4	45	6.5	40	*	6	87	18	261	-0.8	-608	135	1440
2	50	6.5	40	*	6	87	18	261	-0.8	-608	150	1620
2 1/8	53	6.5	40	*	6	87	18	261	-0.8	-608	160	1700
2 1/4	55	6.5	40	*	6	87	18	261	-0.7	-532	165	1760
2 1/2	63	6.5	40	*	6	87	18	261	-0.7	-532	190	1870
2 3/4	70	7	40	*	6	87	18	261	-0.7	-532	220	2270
3	75	7.5	40	*	6	87	18	261	-0.6	-456	225	2400
4	100	8	40	*	6	87	18	261	-0.6	-456	300	3240

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# TRIX® MULTIFOOD

## Unbeatable all-rounder

### Application areas

- > Commercial kitchens
- > Catering
- > Bakeries
- > Butchers & abattoirs
- > Fish processing



### Properties

**Inner lining**  
White, homogeneous, non-porous NBR inner lining is absolutely odorless and has no effect on taste

**Reinforcement**  
Synthetic thread

**Hose cover**  
Blue/white, smooth NBR outer lining, ozone-, weather-, UV-, oil-, grease- and abrasion-resistant

**Special characteristics**  
Reliable, robust and long-lasting

**Operating pressure:** up to 20 bar (290 psi)  
**Temperature:** -30°C to +90°C (-22°F to +194°F)  
**Steam:** up to 6 bar (87 psi) | +164°C (+327°F) for sterilization - open system only

**Note**  
For potable water applications, we recommend AQUAPAL®

### Recommended fittings system

DINGA® water-saving spray nozzle



### Technical data - TRIX® MULTIFOOD

Nominal inner diameter	Inner diameter	Wall thickness	Length	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
				bar	psi	bar	psi		
1/2	13	5	40	20	290	60	870	95	430
5/8	16	5	40	20	290	60	870	115	500
3/4	19	6	40	20	290	60	870	150	700
1	25	7	40	20	290	60	870	200	1050

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# CONTI® CLEANJET FDA

Cleans at high pressure

## Application areas

- > Food and beverage processing industry
- > Commercial kitchens
- > Catering
- > Butchers & abattoirs



## Properties

**Inner lining**  
Bright, non-porous, smooth NBR inner lining

**Reinforcement**  
Synthetic thread

**Hose cover**  
Blue, grease-resistant NBR outer lining, ozone-, weather-, UV- and abrasion-resistant

**Special characteristics**  
In different pressure stages up to 90 bar (1305 psi);  
Hose cover resistant to chicken and fish fat

**Operating pressure:** up to 90 bar (1305 psi)  
**Temperature:** -20°C to +80°C (-4°F to +176°F)  
**Steam:** up to 6 bar (87 psi) | +164°C (+327°F)  
for sterilization - open system only

**Note**  
For potable water applications, we recommend AQUAPAL®

## Recommended fittings system

DINGA® water-saving spray nozzle



## Technical data - CONTI® CLEANJET FDA

Nominal inner diameter	Inner diameter	Wall thickness	Length	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
inches	mm	mm	m	bar	psi	bar	psi	approx. mm	approx. g/m
1/2	12.5	4.8	> 5	90	1305	360	5221	80	335
1/2	13	4	40	10	145	30	435	130	320
5/8	15	4.5	40	10	145	30	435	150	425
3/4	19	4.5	40	10	145	30	435	190	460

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# AQUAPAL®

## Highly flexible potable water hose

### Application areas

- > Foodstuffs industry
- > Camping & caravan gear
- > Commercial kitchens
- > Catering
- > Municipal emergency water supply
- > Outdoor events
- > Disaster control, hospitals, airports



### Properties

#### Inner lining

Special transparent, plasticizer-free inner lining is absolutely odorless and has no effect on taste

#### Reinforcement

Synthetic thread

#### Hose cover

Blue, finish-fabric-patterned NBR outer lining, ozone-, weather-, UV-, oil-, grease- and abrasion-resistant

#### Special characteristics

Highly flexible; suitable for deionized water (film acts as barrier layer); three-year warranty

**Operating pressure:** up to 20 bar (290 psi)

**Temperature:** -30°C to +90°C (-22°F to +194°F)

**Steam:** up to +130°C (+266°F) max. 30 minutes

### Recommended fittings system

DINGA® water-saving spray nozzle  
Compatible with standard water hose fittings

## REACH WRAS

EC Regulation no. 1907/2006

Licensed in accordance with BS 6920-1:2000

## KTW EU FDA

Licensed in accordance with Pipes guideline for plastics used for drinking water, DVGW W270 and VP 549

EU Regulations 1935/2004, 2023/2006 and 10/2011

FDA Regulation 177.2600

### Technical data - AQUAPAL®

Nominal inner diameter	Inner diameter	Wall thickness	Length	Spiral hose	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
					bar	psi	bar	psi		
inches	mm	mm	m		bar	psi	bar	psi	approx. mm	approx. g/m
1/6	4	2.5	40		20	290	60	870	25	75
1/3	8	3.0	40		20	290	60	870	50	140
3/8	10	3.6	40		20	290	60	870	60	210
1/2	13	3.6	40		20	290	60	870	75	250
5/8	16	3.6	40		20	290	60	870	95	300
3/4	19	4.2	40		20	290	60	870	110	420
3/4	19	6.0	40	*	20	290	60	870	90	780
7/8	22	4.5	40		20	290	60	870	130	510
1	25	4.5	40		20	290	60	870	145	570
1	25	6.0	40	*	20	290	60	870	115	965
1 1/4	32	5.5	40		20	290	60	870	280	870
1 1/4	32	6.0	40	*	20	290	60	870	160	1150
1 1/2	38	6.5	40		20	290	60	870	330	1200
2	50	7.5	40		20	290	60	870	435	1790
2	50	7.5	40	*	20	290	60	870	250	2290
3	75	7.5	40	*	20	290	60	870	375	3300
4	100	8.0	40	*	20	290	60	870	500	4715

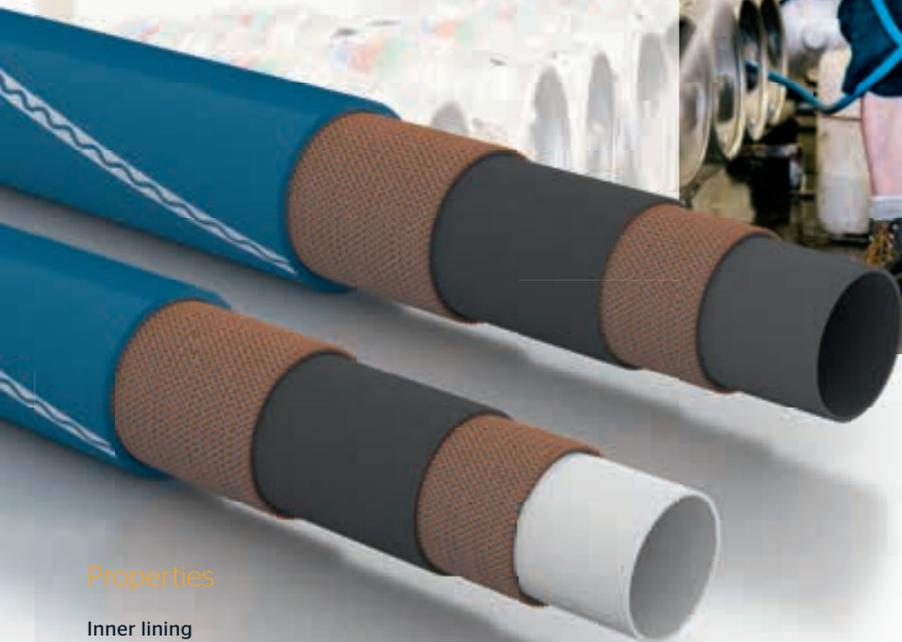
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed

# PERLAPAL® W + S

## Reliable, safe cleaning

### Application areas

- > Foodstuffs industry
- > Pharmaceutical and cosmetics industry



### Properties

**Inner lining**  
White or black, non-porous, smooth and homogeneous CIIR inner lining

**Reinforcement**  
Synthetic thread

**Hose cover**  
Blue, finish-fabric-patterned NBR hose cover  
Ozone-, weather-, UV-, oil-, grease- and abrasion-resistant

**Special characteristics**  
Two-year warranty

**Operating pressure:** up to 20 bar (290 psi)  
up to 6 bar (87 psi) with steam  
**Temperature:** -30°C to +95°C (-22°F to +203°F) hot water  
**Steam:** up to +164°C (+327°F)  
Steam - open system only

**Note**  
For potable water applications, we recommend AQUAPAL®

### Recommended fittings system

DINGA® water-saving spray nozzle

## REACH

EC Regulation  
no. 1907/2006

### Technical Data - PERLAPAL® W + S

Nominal inner diameter	Inner diameter	Wall thickness	Length	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
inches	mm	mm	m	bar	psi	bar	psi	approx. mm	approx. g/m
1/2	13	5	40	20	290	60	870	80	400
5/8	16	5.5	40	20	290	60	870	100	500
3/4	19	6	40	20	290	60	870	115	600
1	25	7	40	20	290	60	870	150	800
1 1/4	32	7	40	20	290	60	870	195	1200
1 1/2	38	8	40	20	290	60	870	230	1500
2	50	8	40	20	290	60	870	300	1900

Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended usage conditions and proper use of the hose material have been observed.

## DINGA®

### Good for the environment

### Application areas

- > Cleaning



Water-saving spray nozzle

### Properties

**Special characteristics**  
Water flow 25 liters/minute at 5 bar (72 psi);  
Gentle and environmentally friendly cleaning; robust and long-lasting  
Resistant to alkalis and acids; impact-, heat-, and cold-resistant;  
continuously adjustable jet strength; 1/2" female thread;  
hose connections available in 1/2", 3/4", and 1"

**Operating pressure:** operating pressure up to 25 bar (363 psi)  
**Temperature:** water temperature: max. +50°C (+122°F)  
(water-saving spray nozzle),  
max. +95°C (+203°F)  
(hot water cleaning nozzle)



Hot water cleaning nozzle I



Hot water cleaning nozzle II

## FITTINGS SYSTEM



### PAGUFIX®

- > Smooth, seamless and hygienic connection between hose lining and coupling
- > Hose end sealed tightly (no wicking action)
- > Very high pressure stability and resistance to pull-off forces up to 50 bar, even if subjected to hot cleaning process
- > No damage to the inner lining from fitting process
- > Customer-specific laser marking on request
- > Wide variety of different versions



### BLAUDIECK®

- > Smooth, seamless and hygienic connection between hose lining and coupling
- > Hose end sealed tightly (no wicking action)
- > Piggable
- > Resistance to pull-off forces at operating pressure
- > No change to cross-section in the coupling area

> Recommended for pigging applications

# CLEANING TIPS

## Cleaning prior to first use

Elastomeric hoses may have a slight odor of their own, which is technologically unavoidable and can be eliminated by proper cleaning.

## We therefore recommend the following cleaning procedure before first use

- > > Fill the hose with hot water
- > > Store in the hose for at least ten hours
- > > Empty the hose

## We then recommend one of the following cleaning processes

Cleaning agents	Temperature and duration
Water	+90°C max. 20 minutes
Steam	2× +130°C max. 20 minutes
Chemicals	Temperature and duration
Caustic soda (NaOH)	2% at room temperature max. 30 minutes
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	0.15% at room temperature max. 30 minutes
Nitric acid (HNO <sub>3</sub> )	0.15% at room temperature max. 30 minutes

## In all cases, follow-up rinsing with potable water must take place.

If the hose does emit odors contrary to expectation, several cleaning processes should be used, one after the other.

## Standard cleaning

After use or at regular intervals, the hose must be treated with an ordinary cleaning and sanitizing agent. For detailed information and to choose a suitable cleaning and sanitizing agent, please refer to our complete resistance list.

Please observe our recommendations on storing and maintaining hoses.

## Special features of extended disinfection cycles

In the case of extended disinfection cycles - such as those at the weekend or on public holidays - notwithstanding the concentration specifications of the disinfection manufacturer, the concentrations are to be reduced by at least 50%.

## Industrial Fluid Solutions

### Market segment

Industrial Hoses

### Contact

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ContiTech is part of the international technology corporation Continental and enjoys a global reputation as a materials specialist and development partner with innovative products and intelligent systems that make use of rubber, plastic and combinations of materials such as metals, fabric, textiles, glass, and electronic components.

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