



High-Quality Hose Range for the F&B industry

Industrial Fluid Solutions

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



Recommended fittings system

PAGUFIX®

REACH **EU** **BfR** **FDA**

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 - 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	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

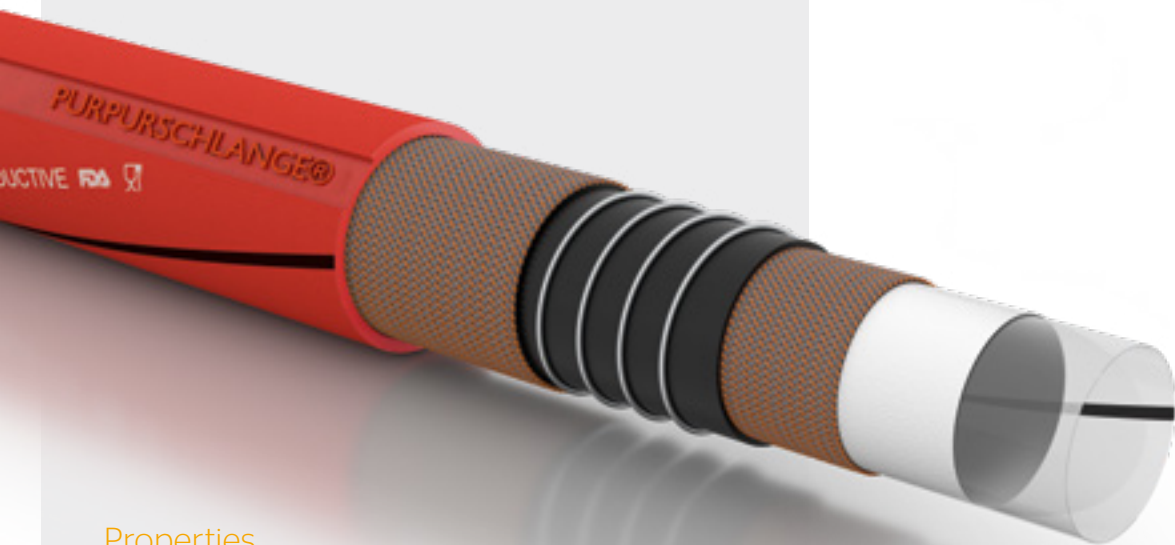
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended 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 < 10⁹ Ω) thanks to the complete hose wall; electrical conductivity (R < 10⁶ Ω) 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
up to +130°C (+266°F) max. 30 minutes
Steam:

Recommended fittings system

PAGUFIX®

REACH

EC Regulation
no. 1907/2006

EU

EU Regula-
tions
1935/2004,
2023/2006
and 10/2011

BfR

German legisla-
tion, recommen-
dation III

FDA

FDA Regula-
tion 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								approx. mm	approx. g/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

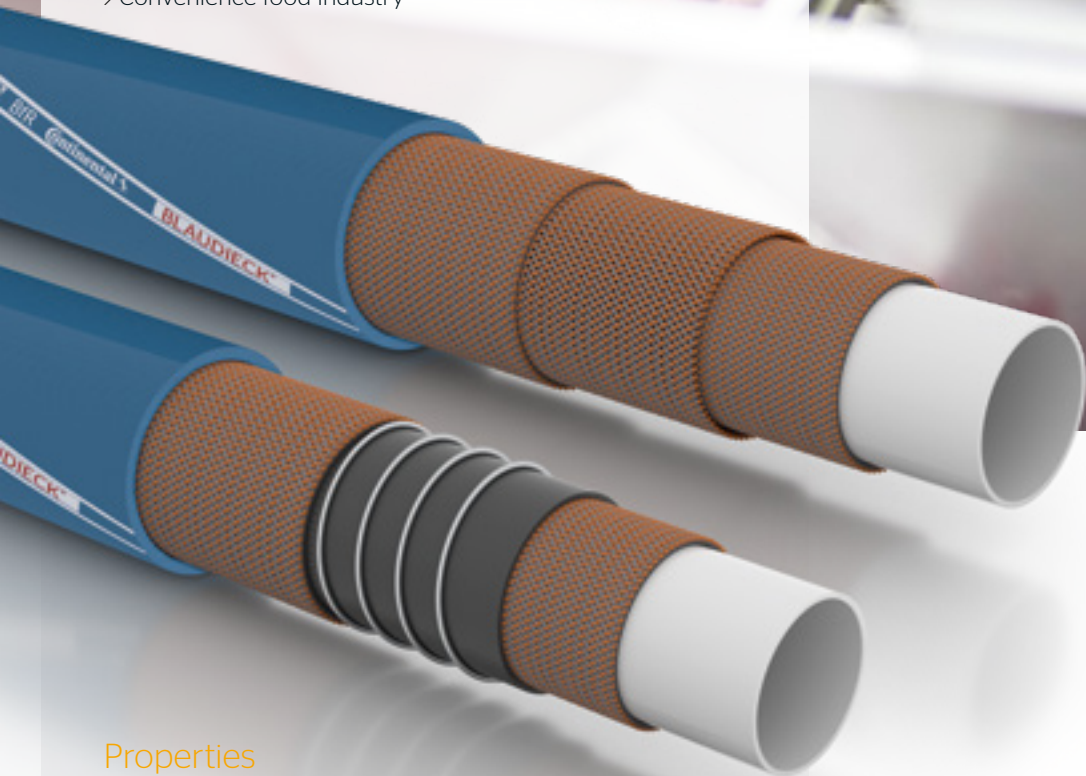
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended 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: +130°C (+266°F) max. 20 minutes



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							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

Recommended fittings system

PAGUFIX®



EC Regulation
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EU Regula-
tions
1935/2004
and
2023/2006

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

FDA Regula-
tion
177.2600

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								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:

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EU
EU Regula-
tions
1935/2004,
2023/2006
and 10/2011

BfR
German legisla-
tion, recommen-
dation III

FDA
FDA Regula-
tion 177.1520

PAGUFIX®

Recommended fittings system

Technical data - BLAUDIECK® LGDU

Nominal inner diameter	Inner diameter	Wall thick-ness	Length	Operating pressure		Minimum bursting pressure		Vacuum *		Smallest bend radius	Weight
inches	mm	mm	m	bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
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
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
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®

REACH **EU** **BfR** **FDA**

EC Regulation
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EU Regula-
tions
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German legisla-
tion, XXI recom-
mendation Cat. 2
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ment (BfR)

FDA Regula-
tion
177.2600

Technical data - LACTOPAL®

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							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

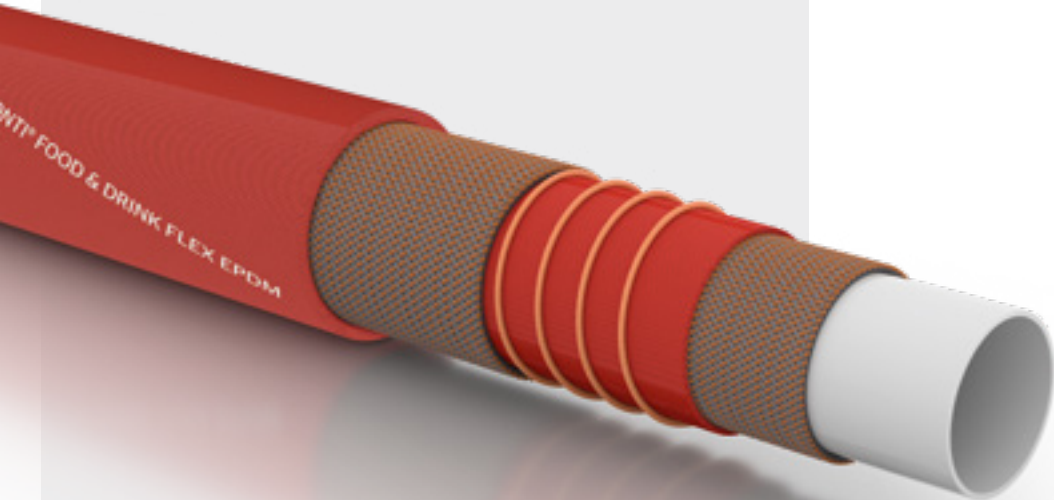
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended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

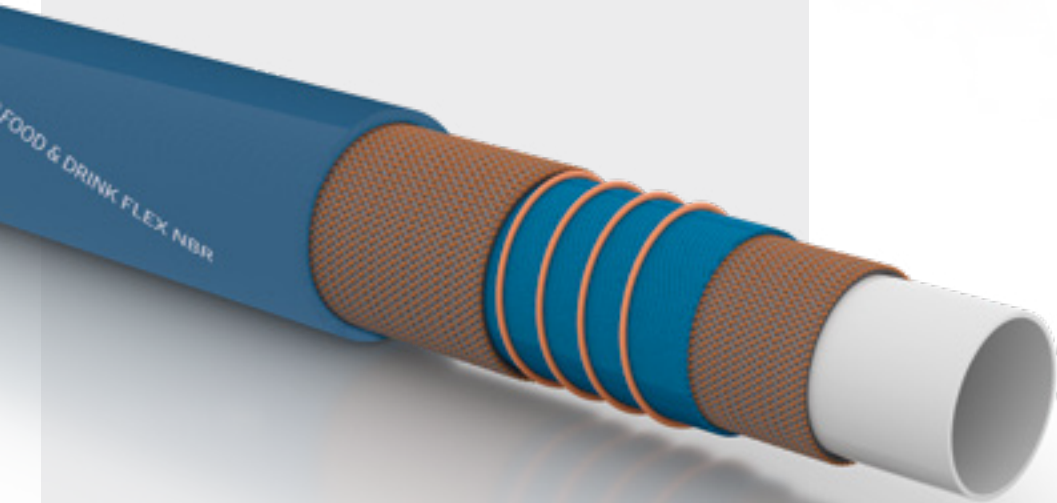
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended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

CONTI® FOOD & DRINK FLEX 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®

REACH
EC Regulation
no. 1907/2006

EU
EU Regula-
tions
1935/2004
and
2023/2006

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

FDA
FDA Regula-
tion
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	Weight
					bar	psi	bar	psi	bar	mmHg		
inches	mm	mm	m								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

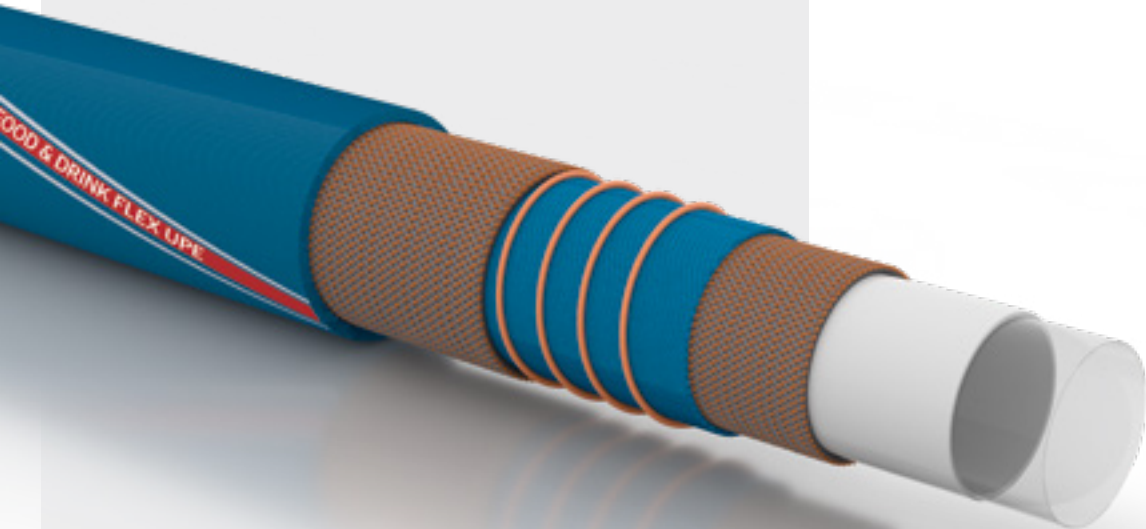
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended 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
up to +130°C (+266°F) max. 10 minutes
Steam:

Recommended fittings system

PAGUFIX®

REACH
EC Regulation
no. 1907/2006

EU
EU Regula-
tions
1935/2004,
2023/2006
and 10/2011

BfR
German legisla-
tion, recommen-
dation III

FDA
FDA Regula-
tion 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								approx. mm	approx. g/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

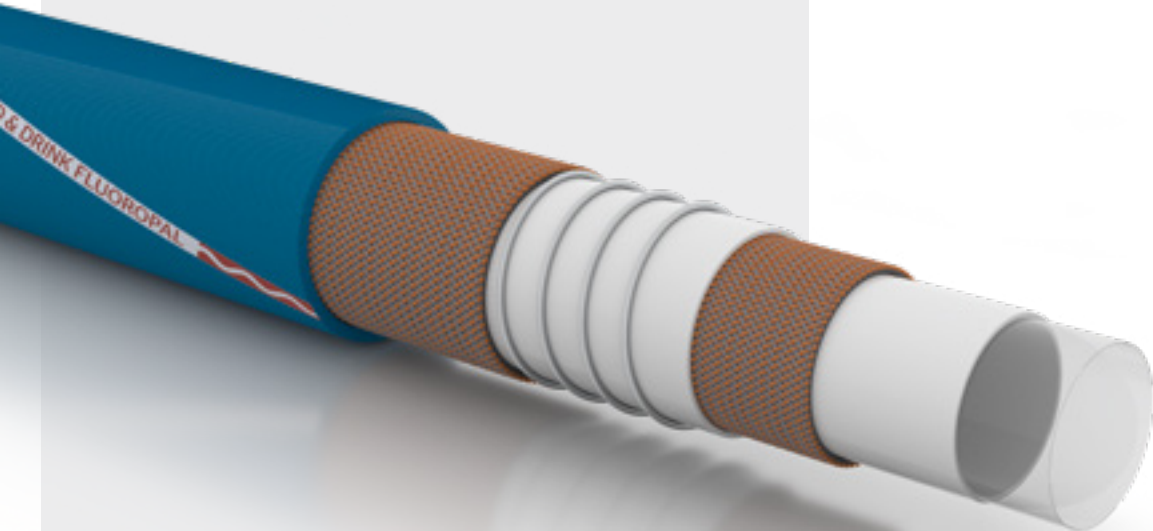
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended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



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

Recommended fittings system

PAGUFIX®

REACH

EC Regulation
no. 1907/2006

EU

EU Regula-
tions
1935/2004,
2023/2006
and 10/2011

USP

CLASS VI

FDA

FDA Regula-
tion 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								approx. mm	approx. g/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

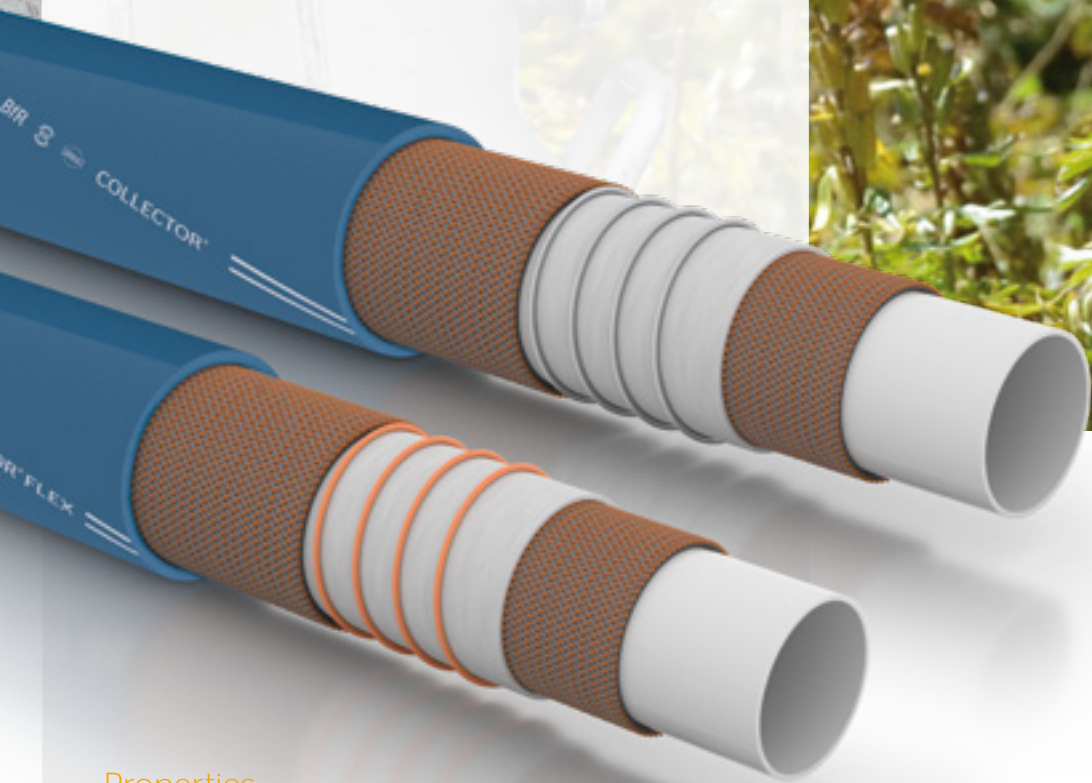


COLLECTOR® COLLECTOR® FLEX

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 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
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
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
1 1/2	38	5.5	40	*	6	87	18	261	-0.8	-608	76	1200
1 9/16	40	5.5	40	*	6	87	18	261	-0.8	-608	80	1300
1 3/4	45	5.5	40	*	6	87	18	261	-0.8	-608	90	1400
2	50	5.5	40	*	6	87	18	261	-0.8	-608	100	1500
2 1/8	53	5.5	40	*	6	87	18	261	-0.8	-608	106	1600
2 1/2	63	6	40	*	6	87	18	261	-0.8	-608	126	2200
2 5/8	65	7	40	*	6	87	18	261	-0.8	-608	140	2500
3	75	7	40	*	6	87	18	261	-0.8	-608	170	3000
4	100	8	40	*	6	87	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
inches	mm	mm	m		bar	psi	bar	psi	bar	mmHg	approx. mm	approx. g/m
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

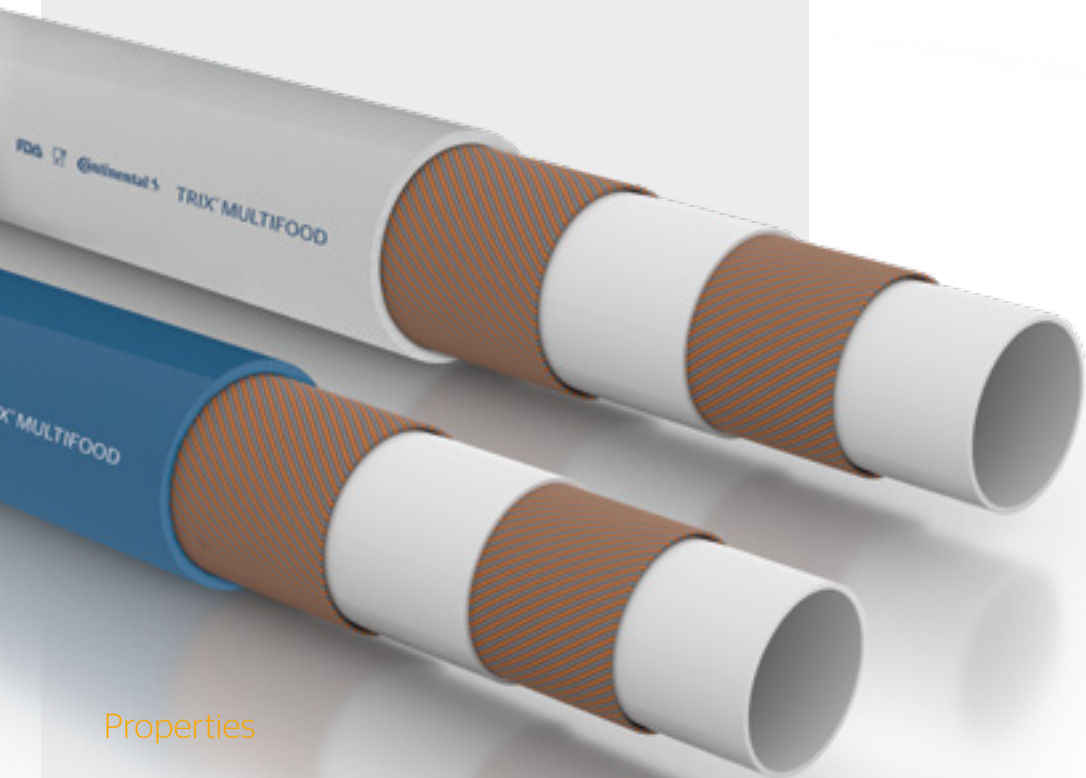
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended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

REACH

EC Regulation
no. 1907/2006

EU

EU
Regulations
1935/2004
and
2023/2006

FDA

FDA
Regulation
177.2600



Technical data - TRIX® MULTIFOOD

Nominal in- ner diameter	Inner diam- eter	Wall thick- ness	Length	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
				bar	psi	bar	psi		
inches	mm	mm	m					approx. mm	approx. g/m
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

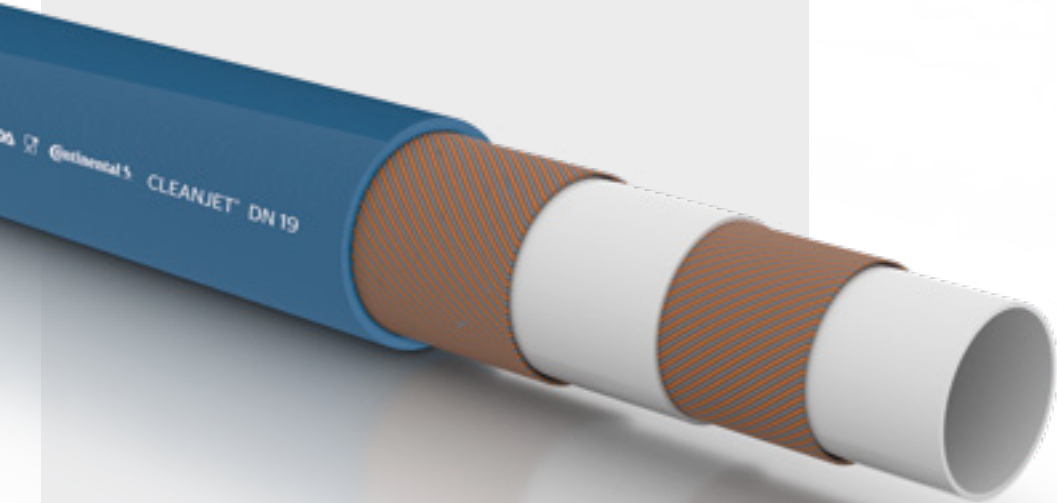
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended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

REACH
EC Regulation
no. 1907/2006

EU
EU
Regulations
1935/2004
and
2023/2006

FDA
FDA
Regulation
177.2600



Technical data - CONTI® CLEANJET FDA

Nominal in- ner diameter	Inner diam- eter	Wall thick- ness	Length	Operating pressure		Minimum bursting pressure		Smallest bend radius	Weight
				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

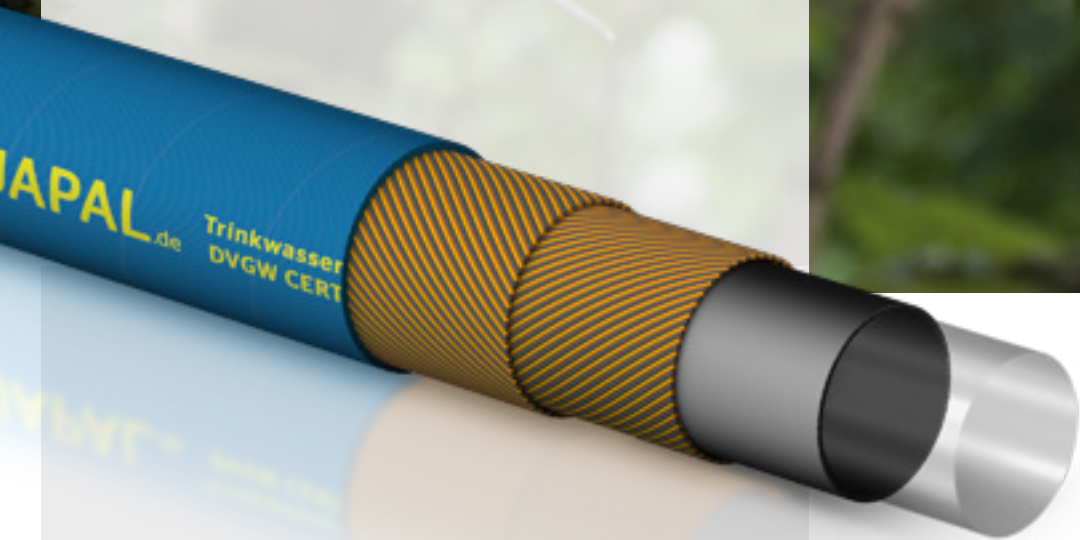
Pressure and vacuum information in relation to room temperature / High pressure, temperature and/or overheated steam will lead to a reduction in service life. The warranty statement covers only proven material and manufacturing faults, provided that fittings have been mounted properly and recommended 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
Fluoroplastic, transparent, absolutely neutral to taste and odour, homogenous, plasticizer-free, smooth

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
Drinking water approval for cold and hot water up to +60°C

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 EN

EC Regulation no. 1907/2006 16421 (W270)

KTW EU FDA

BWGL 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						approx. mm	approx. g/m
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	242
5/8	16	3.6	40		20	290	60	870	95	289
3/4	19	4.2	40		20	290	60	870	110	392
3/4	19	6.0	40	*	20	290	60	870	90	651
7/8	22	4.5	40		20	290	60	870	130	485
1	25	4.5	40		20	290	60	870	145	518
1	25	6.0	40	*	20	290	60	870	115	860
1 1/4	32	5.5	40		20	290	60	870	280	823
1 1/4	32	6.0	40	*	20	290	60	870	160	1090
1 1/2	38	6.5	40		20	290	60	870	330	1158
2	50	7.5	40		20	290	60	870	435	1718
2	50	7.5	40	*	20	290	60	870	250	1860
3	75	7.5	40	*	20	290	60	870	375	2881
4	100	8.0	40	*	20	290	60	870	500	4964

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® BLUE STEAM

Reliable, safe cleaning

Application areas

- > dairies
- > cheese factories
- > food processing industries

Properties

- Inner lining**
White, non-porous, smooth EPDM lining, absolutely neutral to taste and odour
- Reinforcement**
Synthetic fibres
- Hose cover**
Blue, fabric patterned EPDM cover, resistant to ozone, weather, UV and abrasion
- Special characteristics**
Two-year warranty
- Operating pressure:** up to 20 bar (290 psi) at 95°C
up to 6 bar (87 psi) at 164°C
Safety factor steam ≥ 10, hot water ≥ 3
-30°C up to +95°C (-22°F to +194°F) hot water
up to +164°C (+327°F)
Steam - open system only
- Temperature:**
- Steam:**
- Note**
For potable water applications, we recommend AQUAPAL®



Recommended fittings system

DINGA® water-saving spray nozzle
for hot water applications.
Refer to the Standard
DIN EN 14423 clamp fittings.

REACH

Requirements
EG 1935/2004,
EG 2023/2006

BfR

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

FDA

FDA Regula-
tion
177.2600

Technical Data - CONTI® BLUE STEAM

Nominal in- ner diameter	Inner diam- eter	Wall thick- ness	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	6	40	20	290	60	870	130	455
3/4	19	7	40	20	290	60	870	190	729
1	25	7,5	40	20	290	60	870	250	1013
1 1/4	32	8	40	20	290	60	870	320	1282
1 1/2	38	9	40	20	290	60	870	380	1677
2	50	10	40	20	290	60	870	500	2375

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

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 ₂ O ₂)	0.15% at room temperature max. 30 minutes
Nitric acid (HNO ₃)	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

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Germany
Phone +49-563-158-2575
E-mail industrial.hoses@fluid.contitech.de
www.contitech.de/ih



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.

ContiTech operates in almost all sectors of industry. Drawing on our extensive development and materials expertise, we combine our products and systems with customized services. We partner with our customers to create added value and help make the social trends of tomorrow into a reality today.