



PURPLE SNAKE®

The high quality hose for the
brewing, beverage and liquor
industry

PURPLE SNAKE®

The best for the brewing industry

PURPLE SNAKE® in improved quality is the ideal hose for breweries, winepresses, bottlers and many other installations in the brewing, beverage and spirits industry. Flexibility, pressure resistance and long service life - even under extreme working conditions - are additional advantages, which make the hose most popular all over the world. The new, optimized lining conforms to foodstuffs regulations and is absolutely neutral to taste and odour, homogeneous, smooth and temperature resistant up to +90°C (+194°F). The hose is resistant to conventional cleaning agents and disinfectants. **PURPLE SNAKE®** can easily be cleaned conventionally or by CIP installations. Together with our swaged coupling systems and rubber protection rings it becomes the ideal hose assembly!



Technical Data

nominal width	Inner-Ø	wall thickness	length	spiral hose	working pressure		min. burst pressure		vacuum		min. bending radius	weight
					bar	psi	bar	psi	bar	mmHg		
Inch	mm	mm	m		bar	psi	bar	psi	bar	mmHg	aprx. mm	aprx. 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	230	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 based on room temperature / 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

PURPLE SNAKE® PLUS CONDUCTIVE

The conductive version



PURPLE SNAKE® PLUS CONDUCTIVE is the new hightech version of the reliable and internationally known **PURPLE SNAKE®**. It is the first food hose with all food approvals as well as electrical conductivity for the total hose construction, due to the black coiled OHM conductive stripe inside and outside. Thus it is optimally suitable for operation in ex-zones, especially for transport of high-proof alcohol in breweries, distilleries, wineries, bottlers and many other installations in the brewing, beverage and spirits industry. The white lining is absolutely neutral to taste and odour, homogeneous, smooth, free of plasticizers and temperature resistant up to +95°C (+203°F). Due to the high abrasion resistance the hose is also suitable for conveying granulate and powder medium. Flexibility, pressure resistance and long service life - even under extreme working conditions - are additional advantages. **PURPLE SNAKE® PLUS CONDUCTIVE** can easily be cleaned conventionally or by CIP installations. Together with our swaged coupling systems and rubber protection rings it becomes the ideal hose assembly!

Technical Data

nominal width	Inner-Ø	wall thickness	length	spiral hose	working pressure		min. burst pressure		vacuum		min. bending radius	weight
					bar	psi	bar	psi	bar	mmHg		
Inch	mm	mm	m		bar	psi	bar	psi	bar	mmHg	aprx. mm	aprx. g/m
1	25	6.0	40.0	*	16	232	48	696	-0.9	-675	100	800
1 1/4	32	6.0	40.0	*	16	232	48	696	-0.9	-675	125	1050
1 9/16	40	7.0	40.0	*	16	232	48	696	-0.9	-675	150	1450
2	50	8.0	40.0	*	16	232	48	696	-0.9	-675	200	2200
2 5/8	65	8.0	40.0	*	16	232	48	696	-0.9	-675	250	2570
3	75	8.0	60.0	*	16	232	48	696	-0.9	-675	300	2850
3 1/8	80	8.0	40.0	*	16	232	48	696	-0.8	-608	300	3100
4	100	9.0	40.0	*	16	232	48	696	-0.8	-608	400	4700

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

PURPLE SNAKE®

Features

- White, non-porous and high-performing special lining, absolutely neutral to taste and odour
- Reinforcements: synthetic fibres
- Red, fabric patterned special cover, resistant to ozone, weather, UV and abrasion
- Working pressure up to 16 bar / 232 psi
- Temperature range from -30°C up to +90°C / -22°F up to +194°F (up to +100°C / +212°F max. 60 minutes)
- Can be steamed up to +130°C / +266°F (max. 30 minutes)
- Suitable for pure alcohol up to 98%
- 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)
- 3 years warranty

PURPLE SNAKE® PLUS CONDUCTIVE

Features

- White, non-porous and smooth UPE lining with black coiled OHM conductive stripe, absolutely neutral to taste and odour
- Reinforcements: synthetic fibres
- Red, fabric patterned special cover with black coiled OHM conductive stripe, resistant to ozone, weather, UV and abrasion
- Working pressure up to 16 bar / 232 psi
- Temperature range from -30°C up to +95°C / -22°F up to +203°F (+110°C / +230°F max. 60 minutes)
- Suitable for pure alcohol up to 100%
- Meets the requirements of EG 1935/2004, EG 2023/2006 and EU
- Meets the recommendation III of BfR and FDA (21 CFR 177.1520)
- Electrically conductive through the hose wall

Coupling System BLAUDIECK® & PAGUFIX® 3000

To meet more stringent hygiene and safety requirements in the brewing, beverage, and food industries, ContiTech offers the PAGUFIX® 3000 swaged fitting system and the BLAUDIECK® fitting system, which set new standards in quality and swaging technology. Manufactured in accordance with DIN 11851 from the material 1.4301 and available in all common nominal hose widths, these fitting systems are the ideal connection for all beer, beverage, and food hoses from ContiTech Schlauch GmbH - whether they contain a steel wire helix or not. Suitable rubber protection rings are available in blue. ContiTech delivers every required hose length fully assembled on request.

Of course, these high-quality fittings are also available on request in other material grades and special designs, ensuring that they can be adapted to best meet individual specifications, e.g. SMS 1145, IDF ISO 2853, RJT BS 4825, DS 722, Aseptic DIN 11864 Part 1, Clamp, open welding end



- Smooth and hygienically-clean connection, without any transition between hose lining and coupling
- Hose end sealed tightly (no wicking action)
- Very high pressure stability and resistance to pull-off forces
- No damage to lining through swaging process

ContiTech

Industrial Fluid Systems

Market segment
Industrial Hoses

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the content of this
brochure.



ContiTech. Engineering Next Level.

As a division of the Continental Corporation, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering, and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.

ContiTech industrial hose program



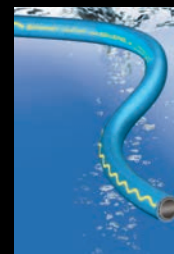
Hoses for the food and
beverage industry



Hoses for
milk collecting vehicles



Multipurpose hoses
for the food,
pharmaceutical and
cosmetic industry



Potable water hoses



Water hoses for
industrial and
commercial use

**Together with the technical trade,
we are developing further hose solutions for your specific application.**

Continental 
The Future in Motion

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