

Cleaning and disinfection

Comment on the reference values

The resistance and anti-swelling properties of the inner lining depend heavily on the chemical properties, temperature, flow velocity and contact time of the flowing medium. In the case of extreme application, cleaning, and disinfection conditions, the unique aspects of the application must be known in order to recommend a specific hose.

Practical tips and recommendations for cleaning

The inner lining of the PURPLE SNAKE® is tasteless and physiologically harmless. If goods fresh from the factory or untreated hoses that have been stored for a long time should ever unexpectedly give off odors, we recommend the following: Steam the inner lining three times at 130°C (each time max. 20 minutes), cooling to room temperature each time.

Alternatively, treat with an aqueous cleaning solution (40°C) consisting of 4 g caustic soda and 5.8 g table salt per 1 l water for at least 24 hours. In both cases, the hose must be rinsed with drinking water afterward.

A comprehensive resistance list is available on request to assist with the selection of further cleaning and disinfectant agents.

NOTE!

When using the products we recommend for cleaning or disinfection, be certain to carefully observe the directions for use and warnings specified in the respective safety data sheets.

ContiTech specialist in rubber and plastics technology

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Fluid Technology

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ContiTech industrial hose program



Drinking water hoses



Water hoses for industrial and commercial uses



High-performance compressed air hoses



Hoses for milk collection vehicles



Multipurpose hoses for the food, pharmaceutical, and cosmetics industries



Hoses for the food and beverage industry

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

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Market segment industrial hoses

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

Your sales partner:

Continental
CONTITECH

PURPLE SNAKE®

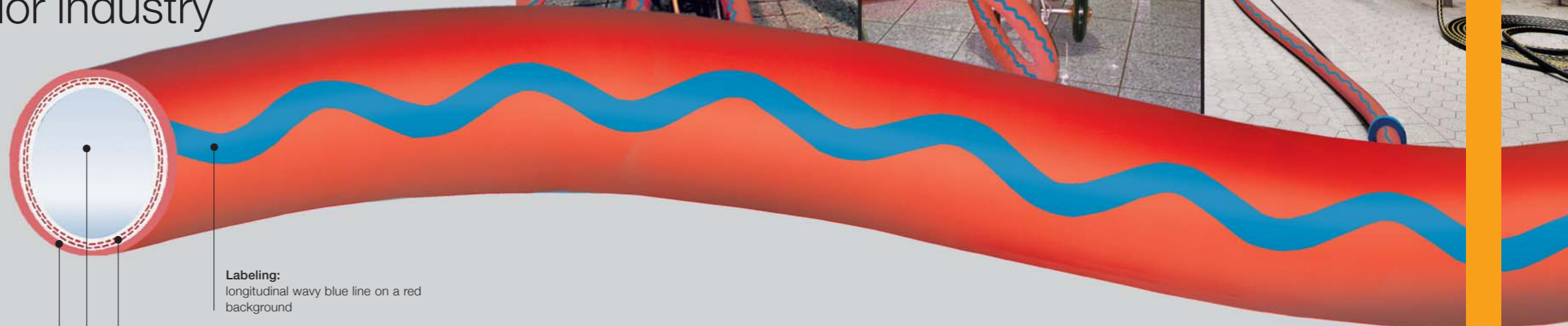
The high quality hose for the brewing, beverage and liquor industry

ContiTech Fluid Technology is a development partner and original equipment manufacturer with hoses and hose lines for the automobile industry and industrial applications. Our expertise in design and material engineering as well as our manufacturing process are the basis for the safe and smooth transportation of all media. Our high-quality hoses for industrial and commercial applications can be used in many ways. For decades, they have proven themselves in continuous use under the most grueling conditions. They are characterized by their reliability, safety, long service life, and easy, troublefree handling. We have the ideal hose for each medium – and for each hose the right fitting.

PURPLE SNAKE®

is the ideal high-quality hose for the use in breweries, wineries, bottling plants, and other establishments of the brewing, beverage, and liquor industry. The light inner lining is completely odorless and tasteless¹⁾, homogeneous, smooth, and unplasticized. Flexibility, pressure resistance and long service life – even under extreme application conditions – are further advantages that have contributed to the hose's excellent international reputation. PURPLE SNAKE® can be easily cleaned conventionally or by CIP⁴⁾. Combined with our swaged fitting systems and protective rubber rings, the result is the ideal hose line!

- 1) Certificates of global and specific migration tests with respect to odor and taste – for instance from the TU Munich Weihenstephan – are available.
- 2) When used in an open system, there is no clouding of the flow medium.
- 3) The three-year warranty for PURPLE SNAKE® applies only to proven material and manufacturing defects – subject to professional fitting assembly, recommended application conditions and proper use of the hose material.
- 4) A comprehensive resistance list is available on request.



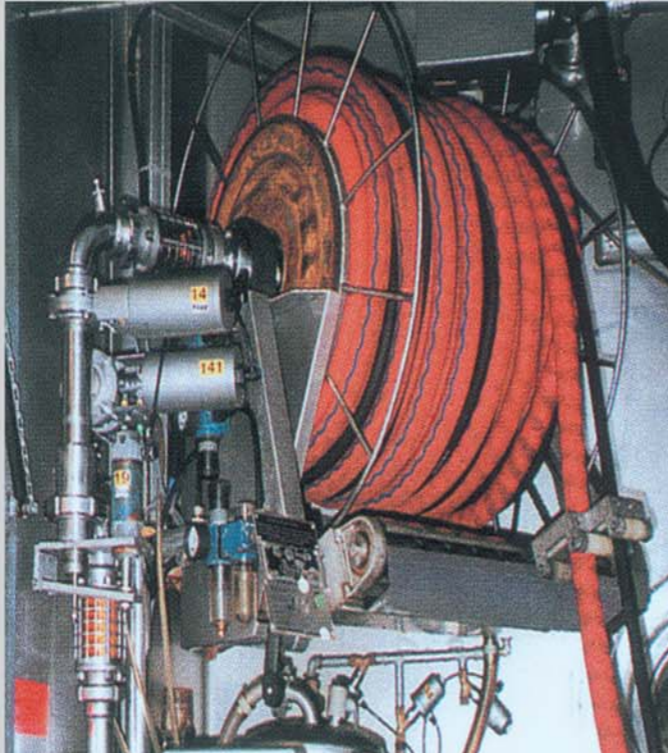
Labeling: longitudinal wavy blue line on a red background

Reinforcement: synthetic fibres

Inner lining: CIIR, white, non-porous, smooth

Cover: CR/SBR/NR, resistant to ozone, weather, and UV radiation

- Properties:**
- White, non-porous, smooth CIIR inner lining
 - Entirely tasteless and odorless
 - Suitable for rectified spirits up to 98%²⁾
 - Temperature resistant up to +85°C (+95°C max. 60 minutes)
 - Steamable up to +130°C (max. 30 minutes)
 - 3 year warranty³⁾
 - Our extensive resistance list for cleaning agents and disinfectants is available on request. It includes important information about extended disinfection.



Technical data:

Nominal width Zoll/Inch	Inner-Ø mm	Wall thickness mm	Working pressure* bar	Minimum burst pressure* bar	Minimum bending radius approx. mm	Weight approx. g/m	Permissible operating pressure <0 bar
1/2	13	3,5	16	48	80	300	-0,5
5/8	16	4,0	16	48	100	400	-0,5
3/4	19	5,0	16	48	120	500	-0,4
1	25	6,0	16	48	160	800	-0,4
1 1/9	28	7,0	16	48	180	1.000	-0,4
1 1/4	32	8,0	16	48	200	1.300	-0,4
1 1/3	35	9,0	16	48	220	1.600	-0,4
1 1/2	38	9,0	16	48	240	1.700	-0,4
1 9/16	40	9,0	16	48	250	1.700	-0,4
1 3/4	45	10,0	16	48	280	2.200	-0,3
2	50	10,0	16	48	310	2.350	-0,3
2	50**	8,0	16	48	280	2.210	-0,8
2 3/8	60	13,0	16	48	370	3.700	-0,3
2 5/8	65	12,0	16	48	400	3.510	-0,2
3	75	12,0	16	48	450	4.460	-0,2
3	75**	8,0	16	48	410	3.350	-0,8
3 1/8	80	14,0	16	48	500	5.200	-0,2
3 1/8	80**	8,0	16	48	450	3.550	-0,8
4	100	15,0	16	48	680	7.000	-0,1
4	100**	9,0	16	48	550	5.300	-0,8

* based on room temperatur ** Version with steel-wire helix integrated in the reinforcement Delivery in coils of 40m

Installation tips for PAGUFIX 3000

On request, ContiTech Schlauch GmbH supplies any desired hose length – with our without steel-wire helix – pre-fitted with the PAGUFIX 3000 fitting system.

In the brewing, beverage and foodstuff industry, this system is a favored standard when an ultra-hygienic hose line is required which enables smooth media flow in the coupling area without any dead space. The high pressure resistance of the couplings helps prevent industrial accidents.

The material 1.4301 is used as a standard; other materials on request.

On request we deliver the following coupling types:

- DIN 11851 standard milk pipe thread international, identical with DIN 32676, difference: diameter of sealing ring
- Execution clamp Inch
- DIN 11864-1 aseptic
- ISO 2853 IDF international
- SMS 1145 SMS Swedish Standard
- DS 722 DS Danish Standard
- BS 4825 RJT British Standard

Protective rubber rings available in blue.

