



High-quality water hoses
for industrial and professional operation

The right solution for every application for the passage of water

ContiTech is one of the world's leading suppliers of technical elastomer products and is a specialist in plastics technology. The division develops and produces functional parts, components, and systems for the automotive industry and other important industries.

ContiTech currently has a workforce of approximately 32.800 employees. In 2014 it recorded sales of about €4 billion.

With more than 100 years' experience, ContiTech Fluid Technology (Market segment Industrial Hoses) is a leading developer and manufacturer of high-quality hoses and hose assemblies for the most varied of industrial, commercial, and municipal applications. Our industrial hoses are safe and durable. In part this is thanks to the special rubber compounds, reinforcing material, and ultra-modern manufacturing processes we use, but in part it is also due to our many years of experience in hose production as well as our seamless quality controls, which monitor every step of the production process.

Our brand-name hoses can be used in many different areas. For decades, they have proven themselves in continuous use under the most grueling conditions. With our large, central center for logistics, we guarantee high availability, and thus ensure short delivery times.

The hoses are produced on state-of-the-art production machines at international sites. Precise extruding and product-specific braiding technologies and vulcanization processes likewise contribute to the high quality of our hoses.

The multiplicity of new hose technology applications, statutory regulations, and the abundance of media to be transported confront our development engineers with new challenges every day. Our product innovations give us a defining influence on the establishment of market standards. For special applications, we develop the ideal hose, designed exactly to meet requirements such as temperature resistance, pressure, robustness, and flexibility.

Featuring state-of-the-art technology

- ◉ **Material expertise**
- ◉ **Development responsibility**
- ◉ **Testing technology**
- ◉ **Flexible production lines**
- ◉ **Product-specific manufacturing processes**
- ◉ **In-process quality assurance**
- ◉ **Automated finish inspection**
- ◉ **Ecosensitive production (ISO 14001-certified)**
- ◉ **Involvement in national and international standards committees**



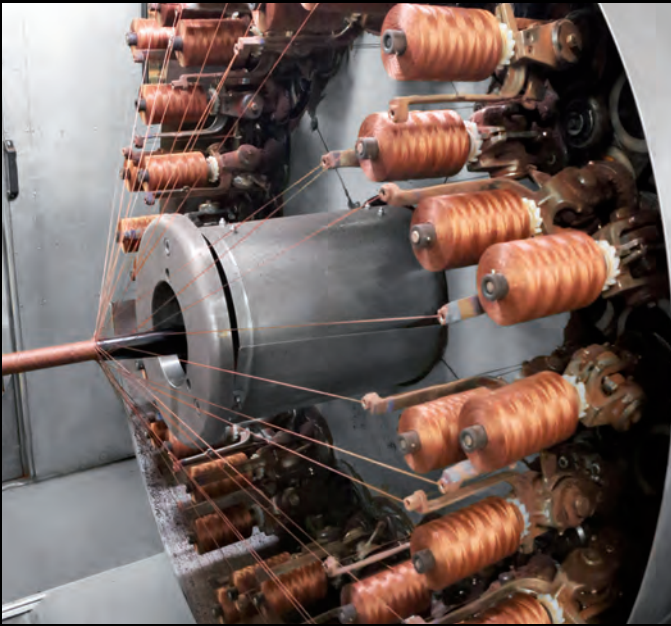
Production site Korbach - Germany



Production site Szeged - Hungary



Development



Hoses and hose assemblies fill a range of applications quite as diverse as the media they transport. Every application requires a customized solution. Our water hoses are robust and reliable tools for the safe transport of potable water, industrial water and waste water.

However, there is one thing that is always decisive: quality. For this reason, for many years now, we have only delivered top-quality goods that can easily be used in any company as they are easy to handle.

Thanks to our expertise in materials engineering and design, brand-name hoses from ContiTech prove their worth in day-to-day operations - in even the harshest conditions.



The water hoses have to withstand big temperature variations, ozone influence and UV radiation in free areas. Moreover they have to resist mechanical pressure.

For every application we offer the perfect solution. As a renowned manufacturer of high-quality hoses, we are the development partner and provide a solution for your specific application in industry, trade, construction, municipal installations, farming and gardening, as well as car pools, garages and workshops.

The consultancy and delivery service is always performed by our partners in the technical retail trade.



AQUAPAL®

The highly flexible hose for potable water

The ideal hose whenever it comes to conveying potable water in the food and beverage industry, for camping and caravaning, for filling potable water storage tanks, in large-scale catering establishments, for maintaining domestic emergency supplies, at public festivals and for many more applications. The special transparent, plastic inner lining free of plasticisers is homogeneous, smooth and absolutely neutral to taste and odour. **AQUAPAL®** meets all the German recommendations and regulations for the transport of potable water.

- Special transparent inner lining, free of plasticisers
- Reinforcements: synthetic fibres
- Blue, fabric patterned NBR-cover, resistant to ozone, weather, UV, oils, fats and abrasion
- Working pressure up to 20 bar / 290 psi
- Temperature range from -30°C up to +90°C / -22°F up to +194°F
- Can be steamed up to +130°C / +266°F (max. 30 minutes)
- Absolutely neutral to taste and odour
- Highly flexible, can be overrun (except construction with steel wire helix)
- Meets the KTW-Leitlinie"Rohre", DVGW W270, DVGW VP 549 and WRAS
- Meets the requirements of EG 1935/2004, EG 2023/2006 and EU 10/2011
- Meets FDA (21 CFR 177.2600)
- 3 years warranty



Technical Data

nominal width	Inner-Ø	wall thickness	length	spiral hose	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m		bar	psi	bar	psi
1/6	4	2,5	40		20	290	60	870
1/3	8	3,0	40		20	290	60	870
3/8	10	3,6	40		20	290	60	870
1/2	13	3,6	40		20	290	60	870
5/8	16	3,6	40		20	290	60	870
3/4	19	4,2	40		20	290	60	870
3/4	19	6,0	40	*	20	290	60	870
7/8	22	4,5	40		20	290	60	870
1	25	4,5	40		20	290	60	870
1	25	6,0	40	*	20	290	60	870
1 1/4	32	5,5	40		20	290	60	870
1 1/4	32	6,0	40	*	20	290	60	870
1 1/2	38	6,5	40		20	290	60	870
2	50	7,5	40		20	290	60	870
2	50	7,5	40	*	20	290	60	870
3	75	7,5	40	*	20	290	60	870
4	100	8,0	40	*	20	290	60	870

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

AQUAPAL® DB

The highly flexible hose for potable water

The **AQUAPAL® DB** is clean, highly flexible, sturdy and specially developed for the needs of railway systems. The special inner lining is absolutely neutral to taste and odour. It has been tested in accordance with KTW "pipework" guidelines and DVGW W270, and is approved for transporting water. It has also been approved by the Deutsche Bahn AG as a drinking water hose. Moreover it owns the fire control and toxicity certificate according to DIN 5510-2.

Technical Data

nominal width	Inner-Ø	wall thickness	length	spiral hose	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m		bar	psi	aprx. mm	aprx. g/m
1/2	13	3,6	40		20	290	75	250
3/4	19	4,2	40		20	290	110	420
1	25	4,5	40		20	290	145	570
1	25	4,5	25		20	290	145	570
1	25	6,0	40	*	20	290	115	965
1 1/14	32	5,5	40		20	290	280	870
1 3/8	35	6,0	40		20	290	305	1053
1 9/16	40	6,5	40		20	290	360	1308
1 5/8	42	6,0	40		20	290	380	1237
1 3/4	45	7,5	40		20	290	390	1678

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

- Special transparent inner lining, free of plasticisers, according to FDA (21 CFR 177.2600)
- Reinforcements: synthetic fibres
- Red, fabric patterned CR-EPDM-cover resistant to ozone, weather, UV, excrements, fats and abrasion
- Working pressure up to 20 bar / 290 psi
- Temperature range from -20°C up to +90°C / -4°F up to +194°F
- Can be steamed up to +130°C / +266°F (max. 30 minutes)
- Absolutely neutral to taste and odour
- Highly flexible, can be overrun (except construction with steel wire helix)
- Meets the KTW-Leitlinie "Rohre" and DVGW W270
- Meets the requirements of fire and smoke gas toxicity according to DIN 5510-2
- Potable Water Hose Deutsche Bahn AG Approval



GOLD SNAKE®

The high-grade water and cleaning hose

The high-grade water- and cleaning hose is a trademarked article of highest quality. A tool with unsurpassed characteristics, robust, nearly indestructible, long lasting and of utmost use. **GOLD SNAKE®** is the right hose for ambitious applications. A product that meets all requirements for the building industry, for landscape gardening or for machines, apparatus, containers and many other applications.

- Black, non-porous, smooth, EPDM lining
- Reinforcements: synthetic fibres
- Black, fabric patterned CR-cover, resistant to ozone, weather, UV, oil, grease, chemicals and abrasion
- Working pressure up to 30 bar / 435 psi (depending on bore size)
- Temperature range from - 30°C up to +100°C / -22°F up to +212°F
- Can be steamed up to 130°C / +266°F (max. 30 minutes)
- Non-buckling, shock-proof, can be overrun
- 5 years warranty



Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure		min. burst pressure		min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	bar	psi	aprx. mm	aprx. g/m
3/8	10	3,6	40	30	435	90	1305	45	160
1/2	13	3,9	40	30	435	90	1305	50	225
5/8	16	3,6	40	25	363	75	1088	70	260
3/4	19	4,4	40	25	363	75	1088	80	385
7/8	22	4,5	40	20	290	60	870	100	430
1	25	4,5	40	20	290	60	870	110	490
1 1/4	32	5,5	40	12	174	36	522	175	760
1 1/2	38	6,5	40	12	174	36	522	250	1050
1 3/4	45	7,5	40	10	145	30	435	290	1480
2	50	7,5	40	10	145	30	435	300	1580

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

TRIX® SUPER

The high-grade water hose

TRIX® SUPER is the high-grade water hose for conveying water at high pressure. By easily handling working pressures up to 30 bar (435 psi), it is especially suitable for challenging applications like transporting pressure- and cooling water, but also for simple sprinkling, filling, discharging, rinsing and cleaning in industry, construction, municipal installations, farming, car pools, garages and workshops. The hose is very robust and has a low resistance to flow.

- Black, non-porous and smooth EPDM lining
- Reinforcements: synthetic fibres
- Black, smooth EPDM-cover, resistant to ozone, weather, UV and abrasion
- Working pressure up to 30 bar / 435 psi
- Temperature range from -40°C up to +120°C / -40°F up to +248°F
- Highly flexible, robust
- Release agent- and fat-free, free from any product harmful to lacquer
- Low resistance to flow
- Length independently electrically conductive, $R < 10^6 \Omega$



Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure		min. burst pressure		min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	bar	psi	aprx. mm	aprx. g/m
3/8	10	3,5	50	30	435	90	1305	35	225
1/2	13	4,0	50	30	435	90	1305	50	315
3/4	19	4,5	50	30	435	90	1305	65	480
1	25	5,0	50	30	435	90	1305	110	650

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

TRIX ROTSTRAHL®

The professional water hose

TRIX ROTSTRAHL® is the water hose for use in industry, local authorities, construction and civil engineering, landscape gardening, agriculture and many other applications. Thanks to its design and construction it is highly flexible and robust, ozone- and weather-resistant, and can operate at temperatures from -40°C (-40°F) to +100°C (+212°F). The ideal hose for cleaning and sprinkling, filling, spraying, rinsing and draining.

- ◊ Black, non-porous and smooth EPDM lining
- ◊ Reinforcements: synthetic fibres
- ◊ Black, smooth EPDM-cover, resistant to ozone, weather and UV, from DN 28 upward fabric patterned
- ◊ Working pressure up to 20 bar / 290 psi
- ◊ Temperature range from - 40°C up to +100°C / -40°F up to +212°F
- ◊ Highly flexible, robust
- ◊ Up to DN 25 release agent- and fat-free, free from any product harmful to lacquer
- ◊ Low resistance to flow



Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	aprx. mm	aprx. g/m
1/2	13	3,3	40	20	290	50	245
1/2	13	3,3	50	20	290	50	245
1/2	13	3,3	80	20	290	50	245
5/8	16	3,5	40	20	290	60	330
3/4	19	4,0	40	20	290	65	435
3/4	19	4,0	50	20	290	65	435
3/4	19	4,0	80	20	290	65	435
7/8	22	4,5	40	20	290	70	520
1	25	4,5	40	20	290	110	580
1	25	4,5	50	20	290	110	580
1 1/8	28	5,0	40	15	218	120	715
1 3/16	30	5,5	40	15	218	140	835
1 1/4	32	5,5	40	15	218	170	890
1 3/8	35	5,5	40	15	218	180	940
1 1/2	38	6,0	40	15	218	200	1100
1 9/16	40	6,0	40	15	218	240	1150
1 5/8	42	6,0	40	10	145	250	1250
2	50	7,0	40	10	145	300	1565

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

EURO TRIX®

The versatile water hose

EURO TRIX® water hose is a product for universal operation. It is designed for safe operation in mobile or stationary hose lines in industry and construction as well as farming, landscape gardening, municipal facilities, car pools etc. The hose is highly flexible, robust and easy to handle.

- Black, non-porous and smooth EPDM lining
- Reinforcements: synthetic fibres
- Black, smooth EPDM-cover, resistant to ozone, weather and UV
- Working pressure up to 15 bar / 218 psi
- Temperature range from -20°C up to +100°C / -4°F up to +212°F
- Highly flexible, twist-free and non-buckling
- Release agent- and fat-free, free from any product harmful to lacquer

Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	aprx. mm	aprx. g/m
1/2	13	3,5	40	15	218	50	265
5/8	16	3,8	40	15	218	65	360
3/4	19	4,0	40	15	218	70	435
1	25	4,5	40	15	218	120	580

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



TRIX® High pressure hose

for washing machines and dishwashers

The **TRIX® High pressure hose** was designed especially to meet the high security requirements of professional washing- and dishwashing machines, but it is also used for domestic machines. Especially the high resistance to pressure make the hose an inalienable element.

- Black, non-porous and smooth EPDM lining
- Reinforcements: synthetic fibres
- Grey, smooth EPDM-cover, resistant to ozone, weather and UV
- Working pressure up to 30 bar / 435 psi
- For hot water up to +95°C / +203°F
- Highly flexible, robust
- Release agent- and fat-free, free from any product harmful to lacquer
- Can be used for all makes

Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure		min. burst pressure		min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	bar	psi	aprx. mm	aprx. g/m
1/2	13	3,5	40	30	435	90	1305	46	315

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



THERMIDOR®

The versatile water hose

The **THERMIDOR®** water hose is a product for universal operation. It is designed for safe operation in mobile or stationary hose lines in industry and construction as well as farming, landscape gardening, municipal facilities, car pools etc. The hose is highly flexible, robust and easy to handle.

- Black, non porous and smooth EPDM lining
- Reinforcements: synthetic fibres
- Black, smooth EPDM-cover, resistant to ozone, weather and UV
- Working pressure up to 15 bar / 218 psi
- Temperature range from -40°C up to +100°C / -40°F up to +212°F
- Hot water short term up to +120°C / +248°F
- Up to DN 25 release agent- and fat-free, free from any product harmful to lacquer



Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure		min. burst pressure		min. bending radius	weight
Zoll / inch	mm	mm	m	bar	psi	bar	psi	aprx. mm	aprx. g/m
1/2	13	3,0	25	15	218	45	653	105	215
1/2	13	3,0	50	15	218	45	653	105	215
5/8	15	3,0	50	15	218	45	653	120	280
5/8	15	3,0	25	15	218	45	653	120	280
3/4	19	3,5	25	15	218	45	653	150	390
3/4	19	3,5	50	15	218	45	653	150	390
1	25	4,0	50	15	218	45	653	200	550
1	25	4,0	25	15	218	45	653	200	550
1 3/16	30	4,5	20	10	145	30	435	240	720
1 3/16	30	4,5	40	10	145	30	435	240	720

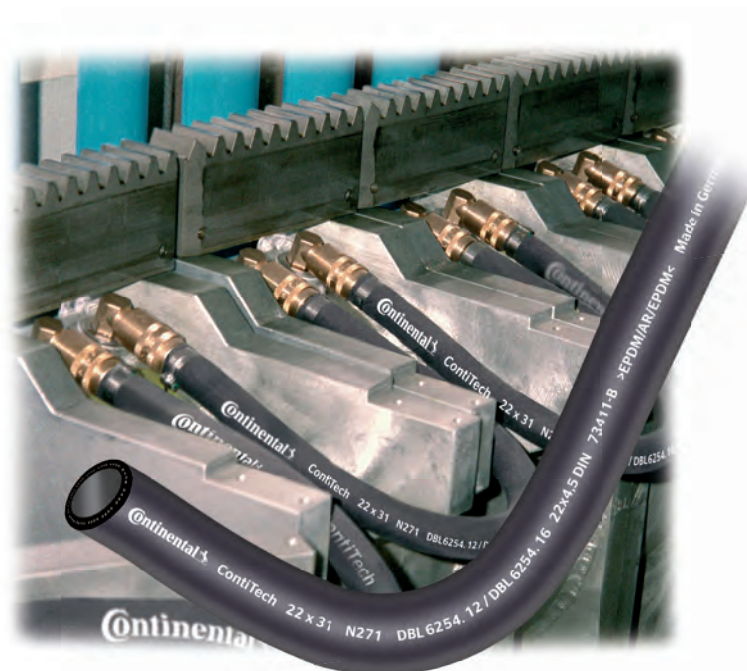
Pressure and vacuum based on room temperature / High pressure and/or temperature lead to reduced component durability

CONTI® Cooling water hose

The ideal hose for cooling systems

The **CONTI® Cooling water hose** is the perfect hose for cooling systems in combustion engines. It can be used in cooling and heating systems for cars and commercial vehicles as well as for different industrial application areas with increased temperature requirements. Its resistance to cooling water and the usual additions of antifreezing compounds and corrosion preventives make it the best choice. The hose is designed according to DBL 6254.12, DBL 6254.16, DIN 73411-B and SAE J20 R3 HT.

- Black, non-porous and smooth EPDM lining
- Reinforcements: Aramid
- Black, smooth EPDM-cover, resistant to ozone, weather, UV and abrasion, from DN 25 upward fabric patterned
- Working pressure up to 3 bar / 44 psi
- Temperature range from -40°C up to +135°C / -40°F up to +275°F, short term up to +160°C / +320°F
- According to DBL 6254.12, DBL 6254.16 und DIN 73411-B, SAE J20 R3 HAT



Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure	min. burst pressure	min. bending radius	weight
zoll / inch	mm	mm	m	bar	psi	aprx. mm	aprx. g/m
1/4	6	3,5	2 oder 40	3	44	45	125
5/16	8	3,5	2 oder 40	3	44	60	152
3/8	10	4,5	2 oder 40	3	44	75	240
1/2	12	4,5	2 oder 40	3	44	100	272
5/8	15	4,5	2 oder 40	3	44	135	321
3/4	18	4,5	2 oder 40	3	44	165	371
3/4	20	4,5	2 oder 40	3	44	195	403
7/8	22	4,5	2 oder 40	3	44	200	436
1	25	4,5	2 oder 40	3	44	240	482
1 1/8	28	4,5	2 oder 40	3	44	280	532
1 3/16	30	6	2 oder 40	3	44	300	788
1 1/4	32	6	2 oder 40	3	44	320	826
1 3/8	35	6	2 oder 40	3	44	350	896
1 1/2	38	6	2 oder 40	3	44	380	963
1 5/8	42	6	2 oder 40	3	44	420	1050
1 3/4	45	6	2 oder 40	3	44	450	1115
2	50	6	2 oder 40	3	44	500	1226
2 1/8	55	6	2 oder 40	3	44	550	1323
2 3/8	60	6	2 oder 40	3	44	600	1437
2 5/8	65	6	2 oder 40	3	44	650	1547
2 3/4	70	6	2 oder 40	3	44	700	1656
3	75	6	2 oder 40	3	44	750	1762
3 1/8	80	6	2 oder 40	3	44	800	1867
4	100	6	2 oder 40	3	44	1000	2313

Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability / Wall thickness according to DBL 6254.12 and DBL 6254.16, wall thickness according to DIN 73411-B upon request

CONTI® CLEANJET - FDA

The ideal high pressure and cleaning hose for the food industry

CONTI® CLEANJET - FDA is the perfect cleaning (washdown) hose for food companies, canteen kitchens and the food and beverage industry. The hose is designed for cold water as well as hot water up to +80°C (+176°F). CONTI® CLEANJET - FDA is able to convey hot oil and fluid fatty food.

- ◊ White, non-porous NBR lining
- ◊ Reinforcements: synthetic fibres
- ◊ Blue, fat resistant NBR cover (also chicken fat), resistant to ozone, weather, UV and abrasion
- ◊ Working pressure up to 90 bar / 1305 psi
- ◊ Temperature range from -20°C up to +80°C / -4°F up to +176°F
- ◊ Can be steamed up to 6 bar / 87 psi (+164°C / +327°F) for sterilisation - open system only
- ◊ Highly flexible
- ◊ Lining and cover both resistant to oil and fats
- ◊ Meets the requirements of EG 1935/2004 und EG 2023/2006
- ◊ Meets FDA (21 CFR 177.2600)

Technical Data

nominal width	Inner-Ø	wall thickness	length	working pressure		min. burst pressure		min. bending radius		weight
zoll / inch	mm	mm	m	bar	psi	bar	psi	aprx. mm		aprx. g/m
3/8	9,5	4,5	> 5	90	1305	360	5221	70		270

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



Industrial Competence


Worldwide

ContiTech offers its wide-ranging business divisions in Air Spring Systems, Compounding, Conveyor Belt Group, Elastomer Coatings, Fluid Technology, Power Transmission Group and Vibration Control.

We offer you for your current and future needs innovative solutions for a wide range of industrial applications. The table shows you all the services we can offer you. Look for your sector in the column on the left and tap into products of interest to you.

Overview according to industry/product solutions

	Air springs / air actuators	Collapsible containers / tanks	Concertina walls	Drive belts and service material	Coupling elements	Diaphragms / diaphragm materials	Drive belts
Aerospace industry	X	X	X			X	
Agriculture	X	X		X		X	X
Automotive industry	X			X		X	X
Commercial and industrial vehicles/buses	X	X	X			X	X
Compensators							X
Energy industry		X		X	X	X	X
Food industry	X						X
Mechanical and plant engineering	X	X		X	X	X	X
Mining industry				X			X
Occupational safety							
Printing industry	X						X
Rail transport technology	X	X	X	X		X	X
Shipbuilding/port industries	X			X	X		X



Elastomer compounds / sheeting	Compressors	Floor coverings	Gas holder diaphragms	Hoses / hose line systems	Technical substances	Insulation materials	Printing blankets and plates	Sealing elements / molded parts	Conveyer belts and service materials	Vibration Control Technology
		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

ContiTech

Industrial Fluid Systems

Market segment
Industrial Hoses

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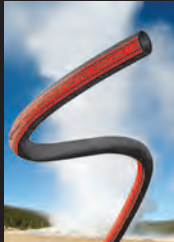


Learn more about
the contents of this
brochure.

ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognised 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



Industrial steam and hot water hoses



Hoses for optimal welding and cutting



High-performance compressed air hoses



Multi-purpose hoses for professional industrial applications



Hoses for the brewing, beverage and liquor industry

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