

Continental ContiTech 1TE DN 10 DIN EN 854 NBR/NBR

CONTI® Hydraulic hose 1 TE - SAE 100 R 6

according to DIN EN 854 – for reliable lifting and moving

Application

The high performance CONTI® Hydraulic hose 1 TE is suitable for the safe transport of hydraulic oil on basis of mineral oil, oil and water emulsions as well as aqueous glycol solutions. The hose construction is according to DIN EN 854 and is a safe element of work for hydraulic plants and systems of all kinds in the machine building industry, for fork-lift trucks, ground moving machines, lifting platforms, excavators, agriculture machines and many more.

Description

- › Black, non-porous and smooth NBR lining
- › Reinforcements: synthetic fibres
- › Black NBR-cover, resistant to ozone, weather, UV and abrasion
- › Working pressure up to 25 bar / 363 psi
- › Temperature range from -40°C up to +100°C / -40 °F up to + 212°F (short term up to +125°C / +257°F)
- › Resistant to oil and fats
- › According to DIN EN 854


Marking

"Continental ContiTech 1TE DN 10 DIN EN 854 NBR/NBR"

Technical data

nominal width zoll/inch	inner-Ø mm	wall thickness mm	length m	steel wire helix	working pressure		min. burst pressure		vacuum		min. bending radius aprx. mm	weight aprx. g/m
					bar	psi	bar	psi	bar	mmHg		
1/4	6.4	3.0	> 2		25	363	100	1450			45	120
5/16	7.9	3.0	> 2		20	290	80	1160			65	140
3/8	9.5	3.0	> 2		20	290	80	1160			75	160
1/2	12.7	3.0	> 2		16	232	64	928			90	190
5/8	15.9	3.5	> 2		16	232	64	928			115	290

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



Continental ContiTech 2TE DN 10 DIN EN 854 NBR/NBR

CONTI® Hydraulic hose 2 TE

according to DIN EN 854 – for reliable lifting and moving

Application

The high performance CONTI® Hydraulic hose 2 TE is suitable for the safe transport of hydraulic oil on basis of mineral oil, oil and water emulsions as well as aqueous glycol solutions. The hose construction is according to DIN EN 854 and is a safe element of work for hydraulic plants and systems of all kinds in the machine building industry, for fork-lift trucks, ground moving machines, lifting platforms, excavators, agriculture machines and many more.

Marking

"Continental ContiTech 2TE DN 10 DIN EN 854 NBR/NBR"


Description

- › Black, non-porous and smooth NBR lining
- › Reinforcements: synthetic fibres
- › Black NBR-cover, resistant to ozone, weather, UV and abrasion
- › Working pressure up to 80 bar / 1.160 psi
- › Temperature range from -40°C up to +100°C / -40 °F up to + 212°F (short term up to +125°C / +257°F)
- › Resistant to oil and fats
- › According to DIN EN 854
- ›

Technical data

nominal width zoll/inch	inner-Ø mm	wall thickness mm	length m	steel wire helix	working pressure		min. burst pressure		vacuum		min. bending radius aprx. mm	weight aprx. g/m
					bar	psi	bar	psi	bar	mmHg		
1/4	6.4	3.5	> 2		75	1088	300	4351			40	150
5/16	7.9	3.5	> 2		68	986	272	3945			50	175
3/8	9.5	3.5	> 2		63	914	252	3655			60	207
1/2	12.7	3.5	> 2		58	841	232	3365			70	255
5/8	15.9	4.0	> 2		50	725	200	2901			90	340
3/4	19	4.0	> 2		45	653	180	2611			110	415
1	25.4	4.5	> 2		40	580	160	2321			150	586
1 1/4	31.8	4.5	> 2		35	508	140	2031			190	636

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

Continental  ContiTech 3TE DN 10 DIN EN 854 NBR/NBR

CONTI® Hydraulic hose 3 TE - SAE 100 R 3

according to DIN EN 854 – for reliable lifting and moving

Application

The high performance CONTI® Hydraulic hose 3 TE is suitable for the safe transport of hydraulic oil on basis of mineral oil, oil and water emulsions as well as aqueous glycol solutions. The hose construction is according to DIN EN 854 and is a safe element of work for hydraulic plants and systems of all kinds in the machine building industry, for fork-lift trucks, ground moving machines, lifting platforms, excavators, agriculture machines and many more.

Description

- › Black, non-porous and smooth NBR lining
- › Reinforcements: synthetic fibres
- › Black NBR-cover, resistant to ozone, weather, UV and abrasion
- › Working pressure up to 160 bar / 2.321 psi
- › Temperature range from -40°C up to +100°C / -40 °F up to + 212°F (short term up to +125°C / +257°F)
- › Resistant to oil and fats
- › According to DIN EN 854

Marking

"Continental ContiTech 2TE DN 10 DIN EN 854 NBR/NBR"

Technical data

nominal width zoll/inch	inner-Ø mm	wall thickness mm	length m	working pressure		min. burst pressure		min. bending radius aprx. mm	weight aprx. g/m
				bar	psi	bar	psi		
1/4	6.4	4.0	> 2	145	2103	580	8412	45	170
5/16	7.9	4.5	> 2	130	1885	520	7542	55	240
3/8	9.5	4.5	> 2	110	1595	440	6382	70	270
1/2	12.7	4.5	> 2	93	1349	372	5395	85	350
5/8	15.9	5.0	> 2	80	1160	320	4641	105	460
3/4	19	5.0	> 2	70	1015	280	4061	130	520
1	25.4	5.3	> 2	55	798	220	3191	150	680
1 1/4	31.8	5.3	> 2	45	653	180	2611	190	850

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