



CONTI® ULTIMATE

Mining Hose

Application

CONTI® ULTIMATE is a heavy duty abrasion-resistant suction and discharge hose used, among others, in mining industry and mineral processing plants. Suitable for transportation of ground and processed ore slurries, trailings, slags, sand and gravel. Long lifespan of the hose is provided by a liner made of highly abrasion resistant NR compound. The NEW Conti Orange Wear Indicator allows the wear of the liner to be continuously monitored and so helps to prevent unexpected production breakdowns. The hose together with reusable flanges and gaskets ensures a smooth medium flow and becomes the ideal hose assembly with an easy installation and maintenance.

Marking

Orange stripe with black text "Continental ContiTech CONTI® ULTIMATE MINING HOSE SYSTEM", spirally applied

Description

- › Black liner material made of highly abrasion resistant NR compound with Conti Orange wear indicator
- › High tensile textile reinforcement, embedded steel helix
- › Black IR/BR cover resistant to abrasion, ozone and UV
- › Safety factor of 3,2 times working pressure to burst
- › Working temperature from -40°C up to +80°C / -40°F up to +176°F
- › Highly flexible and lightweight
- › Small bending radius
- › Various production lengths available upon request

Technical data

nominal width	inner-Ø	wall thickness	length	steel wire helix	working pressure		min. burst pressure		vacuum		min. bending radius	weight
					bar	psi	bar	psi	bar	mmHg		
zoll/inch	mm	mm	m								aprx. mm	aprx. g/m
2	51	10.0	40	•	10	145	32	464	-0.9	-684	250	2500
3	76	13.5	40	•	10	145	32	464	-0.9	-684	400	4300
4	102	11.5	40	•	10	145	32	464	-0.9	-684	550	5200
5	127	12.0	40	•	10	145	32	464	-0.9	-684	380	7300
6	152	13.5	40	•	10	145	32	464	-0.9	-684	800	9000
8	204	17.0	40	•	10	145	32	464	-0.9	-684	1050	16400
10	254	18.0	12	•	5	73	16	232	-0.5	-380	1300	22800
12	305	18.5	12	•	5	73	16	232	-0.5	-380	1600	27400
14	355	24.5	12	•	5	73	16	232	-0.5	-380	1900	42600
16	405	25.0	12	•	5	73	16	232	-0.5	-380	2200	46900
18	455	27.5	10	•	5	73	16	232	-0.5	-380	2500	61100
20	508	27.0	12	•	5	73	16	232	-0.5	-380	2900	71000
24	610	40.0	12	•	5	73	16	232	-0.5	-380	3400	89200

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

