



CONTI® ULTIMATE

For hydraulic transport of abrasive media



LABEL: Orange stripe with black text, spirally applied "Continental CONTI® ULTIMATE MINING HOSE SYSTEM www.contiultimate.com"

APPLICATIONS

Gravel plants, Gravel works, Hydraulic applications, Mining industry

FLOW MEDIUM

Gravel, Mud, Sand

DESCRIPTION

- Inner lining:** NR, black, with Conti Orange Wear Indicator, highly abrasion resistant
- Reinforcements:** Synthetic fibres
With integrated steel wire helix
- Cover:** IR-BR, black, fabric patterned, abrasion resistant, resistant to ozone, weather and UV
- Working pressure up to:** 10 bar / 145 psi
- Temperature range:** from -40 °C / -40 °F up to +80 °C / +176 °F
- Further properties:** Highly flexible
Lightweight
Long-lasting
Robust
Small bending radius

TECHNICAL DATA

nominal width	inner-Ø	wall thickness	outer-Ø	length	helix	working pressure	min. burst pressure	vacuum	min. bending radius	weight			
Zoll/inch	mm	mm	mm	m	helix	bar	psi	bar	psi	mmHG	aprx. mm	aprx. g/ m	
2	51	10	71	40	●	10	145	32	464	-0.9	-684	250	2500
2 1/2	63	10	83	40	●	10	145	32	464	-0.9	-684	320	3000
3	76	13.5	103	40	●	10	145	32	464	-0.9	-684	400	4300
3 1/2	90	11.5	113	40	●	10	145	32	464	-0.9	-684	480	4900
4	102	11.5	125	40	●	10	145	32	464	-0.9	-684	550	5200
5	127	12	151	40	●	10	145	32	464	-0.9	-684	680	7300
6	152	13.5	179	40	●	10	145	32	464	-0.9	-684	800	9000
8	204	17	238	40	●	10	145	32	464	-0.9	-684	1050	16400
10	254	18	290	10	●	5	73	16	232	-0.5	-380	1300	22800
12	305	18.5	342	10	●	5	73	16	232	-0.5	-380	1600	27400
14	355	24.5	404	10	●	5	73	16	232	-0.5	-380	1900	42600
16	405	25	455	10	●	5	73	16	232	-0.5	-380	2200	46900
18	455	27.5	510	10	●	5	73	16	232	-0.5	-380	2500	61100
20	508	27	562	10	●	5	73	16	232	-0.5	-380	2900	71000
24	610	40	690	10	●	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

Industrial Fluid Solutions

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