



CONTI® ULTIMATE CONDUCTIVE

For hydraulic and pneumatic transport of abrasive media



LABEL: Green stripe with black text, spirally applied "Continental CONTI® ULTIMATE CONDUCTIVE www.contiultimate.com"

APPLICATIONS

Chemical industry, Foundries, Gravel plants, Gravel works,
Hydraulic and pneumatic applications, Mining industry,
Powerplants, Sewage Treatment Plants

FLOW MEDIUM

Activated carbon, Cement, Chalk, Dusty Media, Granules, Gravel,
Mud, Sand

DESCRIPTION

Inner lining: SBR-NR, black, electrically conductive, $R < 10^6 \Omega$, highly abrasion resistant

Reinforcements: Synthetic fibres
With integrated steel wire helix

Cover: SBR-NR, black, fabric patterned, abrasion resistant, electrically conductive, $R < 10^6 \Omega$, 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: Electrically conductive, $R < 10^9 \Omega$, through the hose wall
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	mmHG	aprx. mm	aprx. g/ m
2	51	10	71	40	●	10	145	32	-0.9	-684	2500
2 1/2	63	10	83	40	●	10	145	32	-0.9	-684	3000
3	76	13.5	103	40	●	10	145	32	-0.9	-684	4300
3 1/2	90	11.5	113	40	●	10	145	32	-0.9	-684	4900
4	102	11.5	125	40	●	10	145	32	-0.9	-684	5200
5	127	12	151	40	●	10	145	32	-0.9	-684	7300
6	152	13.5	179	40	●	10	145	32	-0.9	-684	9000
8	204	17	238	40	●	10	145	32	-0.9	-684	16400
10	254	18	290	10	●	5	73	16	-0.5	-380	22800
12	305	18.5	342	10	●	5	73	16	-0.5	-380	27400
14	355	24.5	404	10	●	5	73	16	-0.5	-380	42600
16	405	25	455	10	●	5	73	16	-0.5	-380	46900
18	455	27.5	510	10	●	5	73	16	-0.5	-380	61100
20	508	27	562	10	●	5	73	16	-0.5	-380	71000
24	610	29.5	669	10	●	5	73	16	-0.5	-380	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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