

Dredging & Mining

FLEXIBLE ENGINEERING

A251, A252, A253 heavy-duty abrasives discharge hose A range of highly abrasion resistant 'soft wall' hoses

Product description

A251, A252, A253 are a range of robust, heavy-duty and highly abrasion resistant discharge hoses designed to convey a wide array of abrasive products including silica sand, cement, gravel, minerals, chalk and dry powders and coarse granules.

Reinforcement

Multiple layers of high-strength polyester tyre cords for pressure resistance, flexibility and stability.

Working pressure

A251 7 bar, A252 10 bar, A253 15 bar. 3:1 safety factor.

Lining¹

Smooth, mandrel built. Highly abrasion and cut resistant black natural rubber. Temperature range: -35°C to +70°C.

Cover¹

Smooth and hard-wearing natural rubber for protection against abrasion and the effects of exposure to sunlight and weathering. Wrapped finish.

Electrical resistance²

Twin copper anti-static wires are embedded between the layers of reinforcement.

Nominal physical data

Bore size ³	Lining thickness	Outside diameter	Nominal weight	Bend ⁴ radius
Inch	mm	mm	kg/mt	mt

A251 heavy-duty 7 bar abrasives discharge hose⁵

2"	50	6	71	2.27	0.43
3"	80	6	96	3.22	0.68
4"	100	6	124	4.91	0.85
5"	125	6	149	5.96	1.11
6"	150	6	174	7.06	1.28

A252 heavy-duty 10 bar abrasives discharge hose⁵

2"	50	6	71	2.27	0.43
3"	80	6	96	3.22	0.68
4"	100	6	124	4.91	0.85
5"	125	6	153	7.02	1.14
6"	150	6	178	8.27	1.31

A253 heavy-duty 15 bar abrasives discharge hose⁵

2"	50	6	71	2.27	0.43
3"	80	6	100	3.89	0.72
4"	100	6	128	5.77	0.90
5"	125	6	153	7.02	1.14
6"	150	6	182	9.51	1.35

- Highly abrasion resistant
- High-strength design
- Smooth, hard-wearing cover
- Available in 12mt lengths

1 DIN abrasion value 152mm³. 2 Electrically conductive <10⁶ Ω. 3 Intermediate sizes are available on request. 4 When pressurised. 5 Available in maximum 12 metre lengths.

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