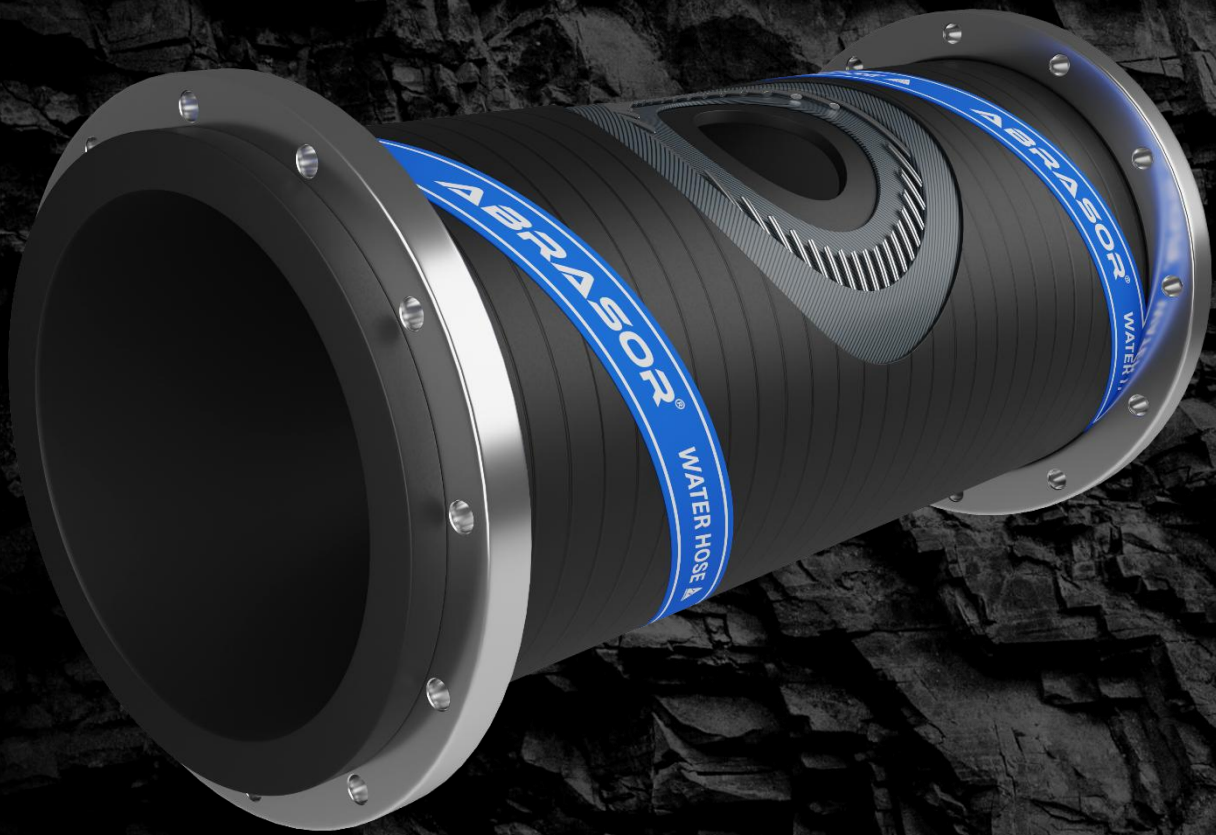


ABRASOR[®]

XW10 Series Hard Wall Dewatering Hose



Wear Life
Redefined.

Heavy-duty dewatering hose built for the demands of mining.

Manufactured using high quality rubber compounds and robust construction methods, our dewatering hoses deliver greater flexibility and performance over many imported variant in the market. Each hose is designed to handle continuous water transfer while resisting fatigue, pressure fluctuations, and harsh operating environments.

We don't take shortcuts in manufacturing Abrasor. Every hose is deliberately over engineered to ensure durability, safety, and consistent performance across its service life. Produced under an ISO 9001 certified quality management system, each hose is manufactured, inspected, and tested to strict, documented standards - ensuring repeatable build quality and dependable operation.

Manufactured using premium rubber compounds and heavy-duty reinforcement, Abrasor Dewatering Hose provides excellent resistance to abrasion, UV exposure, pressure fluctuations and repeated flexing. Flexible construction also makes installation, relocation and handling easier across active mine sites..



Superior Materials

Our hoses are manufactured using high quality rubber compounds selected for durability and long term performance, ensuring reliable operation in demanding water transfer applications..



ISO9001 Quality System

ISO9001 approved quality management system ensures less variation, meaning fewer failures and longer, reliable service life.



Manufacturing Capacity

We have one of the largest hose manufacturing capacities in the country, an extensive mandrel inventory, and full in-house production control ensuring repeatable quality across every hose we produce.

XW10-SERIES HARD WALL DEWATERING HOSE

ABRASOR®

Abrasor XW10 Series Hard Wall Dewatering Hoses are designed to provide flexibility, allowing for movement and misalignment in piping applications. Suitable for suction and discharge duty this premium water hose is designed for efficient transfer of non-abrasive materials, such as air and water.

This hose is commonly used in various water transfer applications, including irrigation, hydromining, and site dewatering, making it a versatile solution for diverse needs.

We stock an extensive range of water suction hose in our Turboflex variant, see below for more info on sizes and lengths.



TECHNICAL SPECIFICATIONS

Hose size	DN25 – DN1200
Length	Up to 20mt
Pressure rating	-100kPa - +8000kPa
End connections	Plain Swivel flange(beaded) Fixed flange Flanged spigot (swivel or fixed) Victaulic spigot (shouldered, roll grooved, cut grooved) Threaded Raised Cuffed Custom
Flange patterns	AS2129, ASME B16.5, ASME B16.47, AWWA C207, AS4087, BS EN 1092, BS 3293, JIS B2220, SANS 1123, DIN ISO 7005, custom
Safety factor	4:1
Temperature rating	-30 to +80 (ABRASATECH)
Optional extras	Anti-static wire ID tagging

MATERIAL SPECIFICATIONS

Inner Liner	ABRASATECH (for general water applications) FLOWTECH (for high temp water) FOODTECH (AS4020 approved for potable water)
Reinforcement	Spiralled synthetic fabric Wire helix
Outer cover	ABRASATECH (for abrasion and UV resistance) NEOTECH FRAS (for FRAS or oily environments) FLOWTECH (for extreme UV or seawater)
Connection material	Hot dipped gal (as standard) Stainless steel (SS316, SS304) Carbon steel Painted Custom

STOCKED ITEMS

We carry an extensive range of stocked hoses with swivel table E flanges and rated to 16 bar maximum working pressure in our Turboflex XT20 variant

Stocked sizes	DN100 (3mt,6mt) DN150 (3mt,6mt) DN200 (3mt,6mt) DN250 (3mt,6mt) DN300 (3mt,6mt) DN350 (3mt,6mt) DN400 (3mt,6mt)
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TECHNICAL PROPERTIES

HOSE SIZE		LINER THICKNESS	VACUUM RATING	STANDARD WORKING PRESSURE		MAX WORKING PRESSURE		SAFETY FACTOR	MINIMUM BEND RADIUS
DN	mm	mm	%	kPa	PSI	kPa	PSI	Ratio	X Dia
50	50.8	3	100	1000	145	8000	1160	4:1	4
80	76.2	3	100	1000	145	8000	1160	4:1	4
100	101.6	3	100	1000	145	8000	1160	4:1	4
125	127	3	100	1000	145	8000	1160	4:1	4
150	152.4	3	100	1000	145	8000	1160	4:1	4
200	203.2	3	100	1000	145	8000	1160	4:1	4
250	254	3	100	1000	145	8000	1160	4:1	5
300	304.8	3	100	1000	145	6000	870	4:1	5
350	355.6	3	100	1000	145	6000	870	4:1	5
400	406.4	3	100	1000	145	5000	725	4:1	5
450	457.2	3	100	1000	145	4000	580	4:1	7
500	508	3	100	1000	145	4000	580	4:1	7
550	558.8	3	100	1000	145	4000	580	4:1	7
600	610	3	100	1000	145	4000	580	4:1	7
650	660.4	3	100	1000	145	2500	363	4:1	9
700	711.2	3	100	1000	145	2500	363	4:1	9
750	762	3	100	1000	145	2500	363	4:1	9
800	812.8	3	100	1000	145	2500	363	4:1	9
850	863.6	3	100	1000	145	2500	363	4:1	9
900	914.4	3	100	1000	145	2500	363	4:1	9
950	965.2	3	100	1000	145	2500	363	4:1	9
1000	1016	3	100	700	102	2500	363	4:1	9
1050	1066.8	3	100	700	102	2500	363	4:1	9
1100	1117.2	3	100	700	102	2500	363	4:1	9
1150	1168.4	3	100	700	102	2500	363	4:1	9
1200	1219.2	3	100	700	102	2500	363	4:1	9

Key notes

1. Hoses can be fully customised to non-standard specifications including, inside diameter, outside diameter, liner thickness, working pressure, bend radius and weight
2. Minimum bend radius figures are only applicable to hoses with standard liner thickness and working pressure. Please consult us if you require minimum bend radius figures for non-standard items. If you require a more flexible hose, please check out our Turboflex range

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