

ABRASOR[®]

XW20 Series Soft 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.

XW20-SERIES SOFT WALL DEWATERING HOSE

ABRASOR®

Abrasor XW20 Series Soft Wall Dewatering Hoses are designed for superior performance in discharge piping applications where the hoses must be folded, kinked or rolled without any permanent damage. Suitable for discharge duty only, this premium dewatering hose is designed to prevent permanent kinking when in applications where the hoses will be run over, and or bent past their recommended radius.

This hose is commonly used in various applications, including irrigation, hydromining, and site dewatering, making it a versatile solution for diverse needs. Manufactured in Australia, Abrasor is the product of choice for mine sites across the world.



TECHNICAL SPECIFICATIONS

Hose size	DN25 – DN1200
Length	Up to 20mt
Pressure rating	0kPa - +8000kPa
End connections	Plain Swivel flange(beaded) Fixed flange Flanged spigot (swivel or fixed) Victaulic spigot (shouldered, roll grooved, cut grooved) Threaded Raised 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
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

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TECHNICAL SPECIFICATIONS

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

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
3. Soft wall hoses are not designed to be bent without folding and collapsing. If you require a hose that will bend while holding its shape, please check out our Abrasor XW10-Series Hard Wall Water Hose

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