

# X10-SERIES HARD WALL MINING HOSE



Abrasor® X10 Series Hard Wall Mining Hoses are designed for superior performance in piping applications where both flexibility and longevity is required. Specifically designed to withstand the most challenging slurry materials, Abrasor® is the product of choice for mine sites across the world. Incorporating our proprietary Abrasatech® tube liner, these hoses provide industry leading performance in abrasion loss.

Designed for the rigorous demands of the mining industry, our hoses are ideal for transporting abrasive slurries in various applications, such as mineral processing plants, tailings pipelines and dredging. Abrasor® is manufactured in Australia, making it ideal for the harshest applications in mine sites across the world.



## TECHNICAL SPECIFICATIONS

Hose size	DN25 – 1200
Length	Up to 20m
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 Wear monitor ID tagging

## MATERIAL SPECIFICATIONS

Inner Liner	ABRASATECH (for general high wear slurry) QUARRYTECH (for fine sands slurry) ROCKTECH (for large rock slurry)
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

## TECHNICAL PROPERTIES

HOSE SIZE		STANDARD LINER THICKNESS	MAX LINER THICKNESS	VACUUM RATING	STANDARD WORKING PRESSURE		MAX WORKING PRESSURE		SAFETY FACTOR	WEIGHT	MINIMUM BEND RADIUS
DN	mm	mm	mm	%	kPa	PSI	kPa	PSI	Ratio	Kg/mt	X Dia
50	50.8	6	6	100	1000	145	8000	1160	4:1	3	8
80	76.2	6	9	100	1000	145	8000	1160	4:1	5	8
100	101.6	6	12	100	1000	145	8000	1160	4:1	6	8
125	127	6	12	100	1000	145	8000	1160	4:1	8	8
150	152.4	6	12	100	1000	145	8000	1160	4:1	10	8
200	203.2	6	12	100	1000	145	8000	1160	4:1	15	8
250	254	9	15	100	1000	145	8000	1160	4:1	25	8
300	304.8	9	19	100	1000	145	6000	870	4:1	33	8
350	355.6	9	19	100	1000	145	6000	870	4:1	45	8
400	406.4	12	19	100	1000	145	5000	725	4:1	54	8
450	457.2	12	19	100	1000	145	4000	580	4:1	60	10
500	508	12	19	100	1000	145	4000	580	4:1	71	10
550	558.8	12	19	100	1000	145	4000	580	4:1	73	10
600	610	12	19	100	1000	145	4000	580	4:1	82	10
650	660.4	15	19	100	1000	145	2500	363	4:1	97	Contact us
700	711.2	15	19	100	1000	145	2500	363	4:1	113	Contact us
750	762	15	19	100	1000	145	2500	363	4:1	129	Contact us
800	812.8	15	25	100	1000	145	2500	363	4:1	138	Contact us
900	914.4	15	25	100	1000	145	2500	363	4:1	183	Contact us
1000	1016	19	30	100	700	102	2500	363	4:1	208	Contact us
1100	1117.2	19	30	100	700	102	2500	363	4:1	240	Contact us
1200	1219.2	19	32	100	700	102	2500	363	4:1	260	Contact us

### Key notes

- Hoses can be fully customised to non-standard specifications including, inside diameter, outside diameter, liner thickness, working pressure, bend radius and weight
- 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
- Max liner thickness and working pressure will not be compatible with all end configurations, please get in contact with us to find out more
- Weight and bend radius values are approximate and may vary