

## PRODUCT OVERVIEW

Our specialty mining hoses are engineered for superior abrasion resistance, specifically designed to withstand the most challenging slurry materials. Incorporating our proprietary ABRASATECH tube liner, these hoses provide industry-leading performance in abrasion loss.



## KEY FEATURES

- **Advanced Liner Technology:** Our hoses can utilize a range of alternative abrasion-resistant liners, optimized for demanding rock applications that require exceptional cut and tear resistance, to fine mineral and sand environments.
- **Hot Cure Butyl Tube Liners:** We are among the few manufacturers offering hot cure butyl tube liners, which significantly enhance temperature and chemical resistance while maintaining high abrasion performance. Our unique vulcanization process integrates the liner directly into the hose, minimizing the risk of liner detachment during suction applications, ensuring reliability and performance in the field.

## APPLICATIONS

Designed for the rigorous demands of the mining industry, our hoses are ideal for transporting abrasive slurries in various applications, providing durability and longevity.

CAPABILITIES	
<b>Size</b>	DN 12-1200mm
<b>Length</b>	Up to 20mt, <i>Dependant on hose I.D*</i>
<b>Duty</b>	Suction & Discharge, <i>Discharge only* (No wire reinforcement)</i>
<b>Max working pressure</b>	-100kpa to + 8000kpa, <i>Dependant on hose I.D*</i>
<b>Reinforcement</b>	Spiral synthetic fabric
<b>Tube</b>	<b>BUTATECH™ ABRASATECH™</b> <i>Other liners available on request depending on application*</i>
<b>Cover</b>	<b>ABRASATECH™</b>
<b>Ends</b>	Beaded, Flanged, In-Built coupling (NPT, BSP, Victaulic, fixed or swivel flange), Plain cut, Raised, Cuffed. <i>Custom available upon request</i>
<b>Flange patterns</b>	Flanges to all standards, <i>Custom flange patterns available upon request.</i>
<b>Connection material</b>	Hot dipped gal (as standard), Stainless steel (SS316, SS304), Carbon steel, painted
<b>Temp</b>	-30/+130C
<b>Safety Factor</b>	4:1

## TECHNICAL PROPERTIES

Hose Size			Standard Liner Thickness	Vacuum Rating	Standard Working Pressure		Safety Factor	Min Bend Radius		Weight	
DN	in	mm	mm	%	kPa	PSI	Ratio	Mt	X Dia	Suction and Discharge Kg/m	Discharge only Kg/m
50	2	50.8	6	100	1000	145	4:1	0.4	8.00	3.1	2.2
80	3	76.2	6	100	1000	145	4:1	0.6	8.00	4.7	3.2
100	4	101.6	6	100	1000	145	4:1	0.8	8.00	6.2	4.4
5.4125	5	127	6	100	1000	145	4:1	1.0	8.00	7.9	5.4
150	6	152.4	6	100	1000	145	4:1	1.2	8.00	9.8	6.3
9.5200	8	203.2	6	100	1000	145	4:1	1.6	8.00	15.1	9.5
250	10	254	9	100	1000	145	4:1	2.0	8.00	25.0	16.4
300	12	304.8	9	100	1000	145	4:1	2.4	8.00	33.0	19.4
350	14	355.6	12	100	1000	145	4:1	2.8	8.00	45.1	30.8
400	16	406.4	12	100	1000	145	4:1	3.2	8.00	54.1	35.1
450	18	457.2	12	100	1000	145	4:1	4.5	10.00	60.4	39.2
500	20	508	12	100	1000	145	4:1	5.0	10.00	71.2	43.3
550	22	558.8	12	100	1000	145	4:1	5.5	10.00	73.4	53.6
600	24	610	12	100	1000	145	4:1	6.0	10.00	79.6	58.2