

PRODUCT OVERVIEW

Our Heavy-Duty Dredging Hose is engineered for high-performance applications, designed to withstand the rigorous demands of dredging operations. Incorporating our proprietary ABRASATECH tube liner, these hoses provide industry-leading performance in abrasion loss.



KEY FEATURES

- **Reinforced Structure:** Thick steel hoops provide robust support, preventing the hose from deforming under full vacuum conditions, ensuring consistent performance during operation.
- **Enhanced Flexibility:** Replacing traditional thinner spring steel wire helixes, these steel hoops effectively prevent kinking, especially under the challenging conditions of dredge pivoting ladder assemblies, ensuring uninterrupted flow.
- **Superior Abrasion Resistance:** The ABRASATECH liner is specifically formulated to deliver maximum abrasion resistance, making it suitable for transporting various types of slurry through the hose.

APPLICATIONS

Ideal for use in dredging operations, our hose is designed to handle demanding slurry transfer tasks, ensuring reliability and durability.

CAPABILITIES

Size	DN 12-1200mm
Length	Up to 20mt, <i>Dependant on hose I.D*</i>
Duty	Suction & Discharge, <i>Discharge only*</i>
Max working pressure	100kpa to - 8000kpa, <i>Dependant on hose I.D*</i>
Reinforcement	Spiral synthetic fabric
Tube	ABRASATECH™
Cover	ABRASATECH™
Ends	Beaded, Flanged, In-Built coupling (NPT, BSP, Victaulic, fixed or swivel flange), Plain cut, Raised, Cuffed. <i>Custom available upon request</i>
Flange patterns	Flanges to all standards, <i>Custom flange patterns available upon request.</i>
Connection material	Hot dipped gal (as standard), Stainless steel (SS316, SS304), Carbon steel, painted
Temp	-30/+65C
Safety Factor	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	Contact Us		Contact Us	
80	3	76.2	6	100	1000	145	4:1	Contact Us		Contact Us	
100	4	101.6	6	100	1000	145	4:1	Contact Us		Contact Us	
125	5	127	6	100	1000	145	4:1	Contact Us		Contact Us	
150	6	152.4	6	100	1000	145	4:1	Contact Us		Contact Us	
200	8	203.2	6	100	1000	145	4:1	Contact Us		Contact Us	
250	10	254	9	100	1000	145	4:1	Contact Us		Contact Us	
300	12	304.8	9	100	1000	145	4:1	Contact Us		Contact Us	
350	14	355.6	12	100	1000	145	4:1	Contact Us		Contact Us	
400	16	406.4	12	100	1000	145	4:1	Contact Us		Contact Us	
450	18	457.2	12	100	1000	145	4:1	Contact Us		Contact Us	
500	20	508	12	100	1000	145	4:1	Contact Us		Contact Us	
550	22	558.8	12	100	1000	145	4:1	Contact Us		Contact Us	
600	24	610	12	100	1000	145	4:1	Contact Us		Contact Us	