REDUCING MINING HOSE

PACFLOTECH™

PRODUCT OVERVIEW

Our reducing mining hoses are engineered for seamless transitions between pipelines of varying diameters while maintaining exceptional abrasion resistance. Designed for versatility, these hoses accommodate the most challenging environments without compromising performance.

KEY FEATURES

- **Seamless Transitions:** : Enables smooth flow between different pipeline sizes, enhancing operational efficiency in mining and industrial applications.
- **Variety of Styles:** Available in both concentric and eccentric designs to meet specific application requirements.
- **Custom Length Options:** Long length hoses can be supplied with one end enlarged to the requested diameter, eliminating the need for separate reducing connectors.

APPLICATIONS

Designed for the dynamic needs of the mining industry, our reducing mining hoses are ideal for transporting slurries, water, and other materials in various applications, ensuring durability and reliability in demanding environments.

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

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TECHNICAL PROPERTIES

Hose Size			Standard Liner Thickness	Vacuum Rating	Standard Working Pressure		Safety factor	Standard Working Pressure	
								Suction & Discharge	*Discharge only*
DN	in	mm	mm	%	kPa	PSI	Ratio	Kg/m	Kg/m
50	2	50.8	6	100	1000	145	4:1	3.1	2.2
80	3	76.2	6	100	1000	145	4:1	4.7	3.2
100	4	101.6	6	100	1000	145	4:1	6.2	4.4
125	5	127	6	100	1000	145	4:1	7.9	5.4
150	6	152.4	6	100	1000	145	4:1	9.8	6.3
200	8	203.2	6	100	1000	145	4:1	15.1	9.5
250	10	254	9	100	1000	145	4:1	25.0	16.4
300	12	304.8	9	100	1000	145	4:1	33.0	19.4
350	14	355.6	12	100	1000	145	4:1	45.1	30.8
400	16	406.4	12	100	1000	145	4:1	54.1	35.1
450	18	457.2	12	100	1000	145	4:1	60.4	39.2
500	20	508	12	100	1000	145	4:1	71.2	43.3
550	22	558.8	12	100	1000	145	4:1	73.4	53.6
600	24	610	12	100	1000	145	4:1	79.6	58.2