

Pre-Formed Bend Mining Hose

Designed and manufactured in China , this premium product is the ultimate solution for severe wear slurry applications



Features:

- Tight radius bends (1D to 5D)
- Suitable for erosive & abrasive slurries, chemicals
- Fully customizable designs

Benefits:

- High flexibility for movement/misalignment
- Easy installation & replacement
- Ideal for severe applications (dredging, tailings, etc.)

Technical Specifications

Hose size	DN50– 1500 (2–60")
Hose length	Up to 12m
Pressure rating	0 to +5000kPa (0 to +725psi) Higher on request
Temperature rating	-30°C to +75°C
End connections	Plain end Flanged (fixed/swivel) with /without spigot
Flange types	ASME B16.5, ASME B16.47, AS2129,AS4087, DIN ISO 7005, custom
Groove types	AWWA C606 OGS, Victaulic AGS
Thread types	BSP, NPT, API, premium, custom
Safety factor	4:1
Extra options	Custom nozzles, branches, or connections

Material Specifications

	natural rubber
Inner liner	Neoprene, SBR, or buty high alumina ceramic
Reinforcement	Synthetic fabric and wire helix
Outer cover	UV, ozone, and abrasion-resistant rubber
End connections	Carbon steel (painted, galvanised, custom) Stainless steel (SS304, SS316) Exotic alloy

Standard Properties

Hose Size			Liner Thickness		Vacuum rating	Working Pressure		Standard Centreline Radius				Straight Tangent (3D/5D Bends)		
			Std	Max		Std	Max	1D	1.5D	3D	5D	Min	Std	short side Max
DN	in	mm	mm	mm	%	kPa	kPa	mm	mm	mm	mm	mm	mm	mm
100	4	102	6	12	100	1000	5000	100	150	300	500	0	100	150
150	6	152	6	12	100	1000	5000	150	225	450	750	0	100	150
200	8	203	6	12	100	1000	5000	200	300	600	1000	0	100	150
250	10	250	9	15	100	1000	5000	250	375	750	1250	0	100	150
300	12	300	9	19	100	1000	5000	300	450	900	1500	0	100	150
350	14	350	9	19	100	1000	5000	350	525	1050	1750	0	100	150
400	16	400	12	19	100	1000	5000	400	600	1200	2000	0	100	150
450	18	450	12	19	100	1000	5000	450	675	1350	2250	0	150	200
500	20	500	12	19	100	1000	5000	500	750	1500	2500	0	150	200
550	22	260	12	19	100	1000	5000	550	825	1650	2750	0	150	200
600	24	600	12	19	100	1000	5000	600	900	1800	3000	0	150	200
650	26	650	15	19	100	700	4000	650	975	1950	3250	0	200	250
700	28	700	15	19	100	700	4000	700	1050	2100	3500	0	200	250
750	30	750	15	19	100	700	4000	750	1125	2250	3750	0	200	250
800	32	800	15	25	100	700	3000	800	1200	2400	4000	0	200	250
900	36	900	15	25	100	700	3000	900	1350	2700	4500	0	200	250
1000	40	1000	19	30	100	700	3000	1000	1500	3000	5000	0	200	250
1100	44	1100	19	30	100	700	2500	1100	1650	3300	5500	0	200	250
1200	48	1200	19	32	100	700	2500	1200	1800	3600	6000	0	200	250
1300	52	1300	19	40	100	700	2500	1300	1950	3900	6500	0	200	250
1400	56	1400	19	40	100	700	2500	1400	2100	4200	7000	0	200	250
1500	60	1500	19	40	100	700	2500	1500	2250	4500	7500	0	200	250

Notes

Product is fully customisable and available in non-standard specifications on request.

Tangent length is the straight section at end of each bend measured from the start of the straight section to the face of the flange.

Short side max refers to the longest the straight can be on the shorter tangent of a bend with a 1.5D radius.

The other tangent can be up to 3m.