

Ceramic Lined Suction and Discharge Hose

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



Features:

- Ceramic-rubber composite liner
- Customizable dimensions & designs
- Wide Range of End Connections

Benefits:

- 10x longer lifespan vs rubber
- Reduced downtime & maintenance
- Superior abrasion & impact resistance

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

Inner liner	natural rubber 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

DN	Hose Size		Ceramic Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Max Length
	in	mm	Min/Std	Max		kPa	psi	kPa	psi	
100	4	102	4.5	6	100	1000	150	5000	725	12
150	6	152	4.5	6	100	1000	150	5000	725	12
200	8	203	4.5	12	100	1000	150	5000	725	12
250	10	250	4.5	12	100	1000	150	5000	725	12
300	12	300	4.5	12	100	1000	150	5000	725	12
350	14	350	4.5	12	100	1000	150	5000	725	12
400	16	400	4.5	12	100	1000	150	5000	725	12
450	18	450	4.5	12	100	1000	150	5000	725	12
500	20	500	4.5	12	100	1000	150	5000	725	12
550	22	260	4.5	12	100	1000	150	5000	725	12
600	24	600	4.5	12	100	1000	150	5000	725	12
650	26	650	4.5	12	100	700	100	4000	580	12
700	28	700	4.5	12	100	700	100	4000	580	12
750	30	750	4.5	12	100	700	100	4000	580	12
800	32	800	4.5	12	100	700	100	3000	435	12
900	36	900	4.5	12	100	700	100	3000	435	12
1000	40	1000	4.5	12	100	700	100	3000	435	12
1100	44	1100	4.5	12	100	700	100	2500	362	12
1200	48	1200	4.5	12	100	700	100	2500	362	12
1300	52	1300	4.5	12	100	700	100	2500	362	12
1400	56	1400	4.5	12	100	700	100	2500	362	12
1500	60	1500	4.5	12	100	700	100	2500	362	12

Notes

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