

Hard-Wall Suction and Discharge Hose

Designed and manufactured in China , this premium product is suitable for abrasive wear and abusive handling
 Fully customisable with special engineered designs available on request



Features:

- Wire Helix Reinforcement
- High Pressure & Vacuum Rating
- Wide Range of End Connections

Benefits:

- High crush and vacuum resistance
- Suitable for demanding suction/discharge duties
- Easy integration with existing equipment

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)rubber-lined/unlined with /without spigot
	Double flanged
	Grooved (roll or cut)
	Threaded,Butt weld,Custom
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

DN	Hose Size		Standard Liner Thickness			Max Liner Thickness		Standard Working Pressure		Vacuum Rating %	Max Working Pressure		Min Bend Radius		
	in	mm	mm	in	mm	in	mm	psi	kPa		psi	kPa	m	ft	x Dia
100	4	102	6	1/4	12	1/2	1000	150	100	100	5000	725	0.8	2.6	8
150	6	152	6	1/4	12	1/2	1000	150	100	100	5000	725	1.2	3.9	8
200	8	203	6	1/4	12	1/2	1000	150	100	100	5000	725	1.6	5.2	8
250	10	250	9	3/8	15	5/8	1000	150	100	100	5000	725	2	6.6	8
300	12	300	9	3/8	19	3/4	1000	150	100	100	5000	725	2.4	7.9	8
350	14	350	9	3/8	19	3/4	1000	150	100	100	5000	725	2.8	9.2	8
400	16	400	12	1/2	19	3/4	1000	150	100	100	5000	725	3.2	10.5	8
450	18	450	12	1/2	19	3/4	1000	150	100	100	5000	725	4.5	14.8	10
500	20	500	12	1/2	19	3/4	1000	150	100	100	5000	725	5	16.4	10
550	22	260	12	1/2	19	3/4	1000	150	100	100	5000	725	5.5	18	10
600	24	600	12	1/2	19	3/4	1000	150	100	100	5000	725	6	19.7	10
650	26	650	15	5/8	19	3/4	700	100	100	100	4000	580	7.8	25.6	12
700	28	700	15	5/8	19	3/4	700	100	100	100	4000	580	8.4	27.5	12
750	30	750	15	5/8	19	3/4	700	100	100	100	4000	580	9	29.5	12
800	32	800	15	5/8	25	1	700	100	100	100	3000	435	9.6	31.5	12
900	36	900	15	5/8	25	1	700	100	100	100	3000	435	10.8	35.4	12
1000	40	1000	19	3/4	30	1 1/4	700	100	100	100	3000	435	12	39.3	12
1100	44	1100	19	3/4	30	1 1/4	700	100	100	100	2500	362	13.2	43.3	12
1200	48	1200	19	3/4	32	1 1/3	700	100	100	100	2500	362	14.4	47.2	12
1300	52	1300	19	3/4	40	1 5/8	700	100	100	100	2500	362	15.6	51.1	12
1400	56	1400	19	3/4	40	1 5/8	700	100	100	100	2500	362	16.8	55.1	12
1500	60	1500	19	3/4	40	1 5/8	700	100	100	100	2500	362	18	59	12

Note

fully customisable product available in non-standard specifications on request.