

Soft-Wall Discharge Hose

soft-wall slurry hose suitable for discharge duty for the most arduous applications, and design to avoid permanent kinking when experiences tight bend radius.



Features:

- Soft-Wall, Flexible Design
- Lightweight Construction
- Synthetic Fabric Reinforcement

Benefits:

- Prevents permanent kinking in tight bends
- Easy to deploy, retrieve, and install
- Provides strength while maintaining flexibility

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	Full spigot fixed flange Full spigod swivel flange 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
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		Standard Liner Thickness		Max Liner Thickness		Standard Working Pressure		Max Working Pressure	
	in	mm	mm	in	mm	in	kPa	psi	kPa	psi
100	4	102	6	1/4	12	1/2	1000	150	5000	725
150	6	152	6	1/4	12	1/2	1000	150	5000	725
200	8	203	6	1/4	12	1/2	1000	150	5000	725
250	10	250	9	3/8	15	5/8	1000	150	5000	725
300	12	300	9	3/8	19	3/4	1000	150	5000	725
350	14	350	9	3/8	19	3/4	1000	150	5000	725
400	16	400	12	1/2	19	3/4	1000	150	5000	725
450	18	450	12	1/2	19	3/4	1000	150	5000	725
500	20	500	12	1/2	19	3/4	1000	150	5000	725
550	22	260	12	1/2	19	3/4	1000	150	5000	725
600	24	600	12	1/2	19	3/4	1000	150	5000	725
650	26	650	15	5/8	19	3/4	700	100	4000	580
700	28	700	15	5/8	19	3/4	700	100	4000	580
750	30	750	15	5/8	19	3/4	700	100	4000	580
800	32	800	15	5/8	25	1	700	100	3000	435
900	36	900	15	5/8	25	1	700	100	3000	435
1000	40	1000	19	3/4	30	1 1/4	700	100	3000	435
1100	44	1100	19	3/4	30	1 1/4	700	100	2500	362
1200	48	1200	19	3/4	32	1 1/3	700	100	2500	362
1300	52	1300	19	3/4	40	1 5/8	700	100	2500	362
1400	56	1400	19	3/4	40	1 5/8	700	100	2500	362
1500	60	1500	19	3/4	40	1 5/8	700	100	2500	362

Note

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