

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Pre-Formed Bend Hoseflex® Mining Hose

Colour: Black

Tube: NR/BR blend Super Abrasion Resistant Rubber

Cover: Abrasion, UV and Ozone resistant rubber

Reinforcement: Spiral Synthetic fabric and wire helix

Size Available: DN50 to DN1200

Temperature: -30°C / + 70°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use: Designed for suction and discharge duties. Used for tight bend radius allowing movement and misalignment. Applications include slurry and water transfer, dewatering and tailings pipelines as well as transfer of chemicals, hydrocarbons and acids.

End connections: Plain end, Flanged (fixed or swivel), Flanged full spigot (fixed or swivel), Double flanged, Grooved (roll or cut), Threaded, Butt weld, Custom



Notes

The design is based on a 90 Degree Bend

The Bends are built on the radius, straights ends can be added in design state.

Specifications

Hose Size		Standard Liner Thickness		Max Liner Thickness		Vacuum Rating	Standard Working Pressure		Max Working Pressure		Standard Centreline Radius		
in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	1.5D mm	3D mm	5D mm
2	50.8	4.5	1/6	6	1/4	100	700	102	2500	363	60	120	199
3	76.2	4.5	1/6	6	1/4	100	700	102	2500	363	90	179	299
4	101.6	6	1/4	9	3/8	100	700	102	2500	363	120	239	399
5	127	6	1/4	9	3/8	100	700	102	2500	363	150	299	498
6	152.4	6	1/4	9	3/8	100	700	102	2500	363	179	359	598
8	203.2	6	1/4	9	3/8	100	700	102	2500	363	239	479	798
10	254	6	1/4	12	1/2	100	700	102	2500	363	299	598	997
12	304.8	6	1/4	12	1/2	100	700	102	2500	363	359	718	1196
14	355.6	9	3/8	15	3/5	100	700	102	2500	363	419	837	1396
16	406.4	9	3/8	15	3/5	100	700	102	2500	363	479	957	1595
18	457.2	9	3/8	18	5/7	100	700	102	2500	363	538	1077	1795
20	508	9	3/8	18	5/7	100	700	102	2500	363	598	1196	1994
22	558.8	9	3/8	21	5/6	100	700	102	2500	363	658	1316	2193
24	610	12	1/2	21	5/6	100	350	51	2500	363	718	1437	2394
26	660.4	12	1/2	21	5/6	100	350	51	2000	290	778	1555	2592
28	700	12	1/2	24	1	100	350	51	2000	290	824	1649	2748
30	750	12	1/2	24	1	100	350	51	2000	290	883	1766	2944
32	800	15	3/5	24	1	100	350	51	1500	218	942	1884	3140
36	900	15	3/5	24	1	100	350	51	1000	145	1060	2120	3533
40	1000	15	3/5	27	1	100	350	51	1000	145	1178	2355	3925
44	1100	15	3/5	27	1	100	350	51	1000	145	1295	2591	4318
48	1200	15	3/5	27	1	100	350	51	1000	145	1413	2826	4710