

RUBBER & COMPOSITE HOSE

Rubber Hose - Mining

Pre-formed Bend Hoseflex® Ceramic 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: DN80 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. Ceramic preformed bend mining hose is designed to be extremely resistant to abrasion even in high material flows and speeds, preventing material build-up. The ideal solution for high wearing mining and aggregates applications.

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			
DN	in	mm	mm	in	mm	in	%	kPa	PSI	kPa	PSI	1D mm	1.5D mm	3D mm	5D mm
80	3	76.2	4.5	1/6	6	1/4	100	700	102	2500	363	n/a	90	179	299
100	4	101.6	6	1/4	9	1/3	100	700	102	2500	363	n/a	120	239	399
125	5	127	6	1/4	9	1/3	100	700	102	2500	363	n/a	150	299	498
150	6	152.4	6	1/4	9	1/3	100	700	102	2500	363	n/a	179	359	598
200	8	203.2	6	1/4	9	1/3	100	700	102	2500	363	n/a	239	479	798
250	10	254	6	1/4	12	1/2	100	700	102	2500	363	n/a	299	598	997
300	12	304.8	6	1/4	12	1/2	100	700	102	2500	363	n/a	359	718	1196
350	14	355.6	9	1/3	15	3/5	100	700	102	2500	363	n/a	419	837	1396
400	16	406.4	9	1/3	15	3/5	100	700	102	2500	363	n/a	479	957	1595
450	18	457.2	9	1/3	18	5/7	100	700	102	2500	363	n/a	538	1077	1795
500	20	508	9	1/3	18	5/7	100	700	102	2500	363	n/a	598	1196	1994
550	22	558.8	9	1/3	21	5/6	100	700	102	2500	363	n/a	658	1316	2193
600	24	610	12	1/2	21	5/6	100	350	51	2500	363	n/a	718	1437	2394
650	26	660.4	12	1/2	21	5/6	100	350	51	2000	290	n/a	778	1555	2592
700	28	700	12	1/2	24	1	100	350	51	2000	290	n/a	824	1649	2748
750	30	750	12	1/2	24	1	100	350	51	2000	290	n/a	883	1766	2944
800	32	800	15	3/5	24	1	100	350	51	1500	218	n/a	942	1884	3140
900	36	900	15	3/5	24	1	100	350	51	1000	145	n/a	1060	2120	3533
1000	40	1000	15	3/5	27	1	100	350	51	1000	145	n/a	1178	2355	3925
1100	44	1100	15	3/5	27	1	100	350	51	1000	145	n/a	1295	2591	4318
1200	48	1200	15	3/5	27	1	100	350	51	1000	145	n/a	1413	2826	4710