

MINING HOSE - HARD WALL RANGE (808)



The Linatex 808 Hard Wall Mine Hose range is custom built and designed to deliver outstanding wear performance in the most arduous of mining and industrial applications. Our world renowned wear resistant rubber compounds complement our hose range and offer our clients the lowest cost of ownership.

The Linatex 808 Hard Wall Mine Hose construction is the product of choice in many of the world's leading mine sites. Our design and manufacturing versatility, and the proven performance of Linatex Premium Rubber, has rightly won our hose a reputation for its reliability.

APPLICATIONS

Linatex 808 Hard Wall Mining Hose is designed for dual delivery and suction applications. This versatile product is used in a variety of applications throughout processing plants and extensively used in mining duties from pump suction to tailings discharge applications.

The versatile 808 Hard Wall range is designed to be robust. It's high performance abrasion resistant compounds, high tensile reinforcement cords, heavy spring steel wire helix and superior spigot end connections are designed to cater for high dynamic loads, full vacuum duty, while maintaining remarkable flexibility.

These hose are custom manufactured to an extensive range of bore sizes, lengths, pressures and end coupling arrangements. Some of the many connection options include fixed flanges, swivel flanges, custom ends to cater for high pressure and high tow strain applications or a combination, such as swivel/cut end coupling.

FEATURES

- Internal diameters in excess of 1 m (40 in). *
- Lengths to 15 m (50 ft).*
- Wear liners available - 'Linatex', Linard and super abrasion resistant Styrene Butadiene compounds.
- High tensile reinforcement cord with a steel wire helix.
- End connections as per customers requirements.
- An abrasion and UV resistant outer cover.
- Suitable working temperature between -35°C and +75°C (-31°F and 167°F).
- Minimum bend radius of 8-10 times the internal diameter.
- Full vacuum available up to 400nb/16in. (Vacuum rating for larger sizes is dependent on conditions.)

* Product dimensions are subject to regional specifications.



Please contact your local Weir Minerals representative for more information.

www.weirminerals.com

LINATEX 808-700* SUCTION/DELIVERY HARD WALL MINING HOSE

NOMINAL BORE		SUGGESTED WEAR LINER THICKNESS		WORKING PRESSURE		NOMINAL OD		BEND RADIUS		WEIGHT	
mm	in	mm	in	kPa	psi	mm	in	mm	ft	kg/m	lbs/ft
50	2	6	¼	690	100	76	3.0	600	1.97	5.0	3.4
75	3	6	¼	690	100	104	4.1	900	2.95	7.0	4.7
100	4	6	¼	690	100	129	5.1	1200	3.94	8.8	5.9
125	5	6	¼	690	100	159	6.3	1500	4.92	11	7.4
150	6	6	¼	690	100	185	7.3	1800	5.91	15	10.1
200	8	6	¼	690	100	239	9.4	2400	7.87	19	12.8
250	10	9	3/8	690	100	305	12.0	3000	9.84	32	21.5
300	12	9	3/8	690	100	358	14.1	3600	11.81	43	28.9
350	14	9	3/8	690	100	411	16.2	4200	13.78	57	38.3
400	16	12	½	690	100	462	18.2	4800	15.75	64	43.0
450	18	12	½	690	100	517	20.4	5400	17.72	80	53.8
500	20	12	½	690	100	568	22.4	6000	19.69	94	63.2
600	24	12	½	690	100	675	26.6	7200	23.62	131	88.0

LINATEX 808-1000* SUCTION/DELIVERY HARD WALL MINING HOSE

NOMINAL BORE		SUGGESTED WEAR LINER THICKNESS		WORKING PRESSURE		NOMINAL OD		BEND RADIUS		WEIGHT	
mm	in	mm	in	kPa	psi	mm	in	mm	ft	kg/m	lbs/ft
50	2	6	¼	1035	150	76	3.0	600	1.97	5.0	3.4
75	3	6	¼	1035	150	104	4.1	900	2.95	7.5	5.0
100	4	6	¼	1035	150	129	5.1	1200	3.94	9.4	6.3
125	5	6	¼	1035	150	160	6.3	1500	4.92	12	8.1
150	6	6	¼	1035	150	185	7.3	1800	5.91	15	10.1
200	8	6	¼	1035	150	239	9.4	2400	7.87	19	12.8
250	10	9	3/8	1035	150	307	12.1	3000	9.84	35	23.5
300	12	9	3/8	1035	150	360	14.2	3600	11.81	46	30.9
350	14	9	3/8	1035	150	417	16.4	4200	13.78	63	42.3
400	16	12	½	1035	150	477	18.8	4800	15.75	71	47.7
450	18	12	½	1035	150	523	20.6	5400	17.72	88	59.1
500	20	12	½	1035	150	574	22.6	6000	19.69	102	68.5
600	24	12	½	1035	150	681	26.8	7200	23.62	141	94.7

LINATEX 808-1400* SUCTION/DELIVERY HARD WALL MINING HOSE

NOMINAL BORE		SUGGESTED WEAR LINER THICKNESS		WORKING PRESSURE		NOMINAL OD		BEND RADIUS		WEIGHT	
mm	in	mm	in	kPa	psi	mm	in	mm	ft	kg/m	lbs/ft
50	2	6	¼	1380	200	76	3.0	600	1.97	5.0	3.4
75	3	6	¼	1380	200	106	4.2	900	2.95	7.5	5.0
100	4	6	¼	1380	200	131	5.2	1200	3.94	9.4	6.3
125	5	6	¼	1380	200	163	6.4	1500	4.92	13	8.7
150	6	6	¼	1380	200	190	7.5	1800	5.91	17	11.4
200	8	6	¼	1380	200	241	9.5	2400	7.87	21	14.1
250	10	9	3/8	1380	200	312	12.3	3000	9.84	38	25.5
300	12	9	3/8	1380	200	366	14.4	3600	11.81	49	32.9
350	14	9	3/8	1380	200	417	16.4	4200	13.78	63	42.3
400	16	12	½	1380	200	473	18.6	4800	15.75	78	52.4
450	18	12	½	1380	200	528	20.8	5400	17.72	96	64.5
500	20	12	½	1380	200	579	22.8	6000	19.69	111	74.6
600	24	12	½	1380	200	686	27.0	7200	23.62	151	101.5

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Excellent
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* DESIGN PARAMETERS MAY BE VARIED TO CLIENT REQUEST. HOSE WEIGHT DATA IS BASED ON A 10 METRE/33 FEET HOSE WITH FLANGES.