

## Lance Hoses

An import substitute product, developed and manufactured by us. These hoses distinguish themselves due to their good performance in adverse and hostile conditions.

These ultrasonically cleaned and degreased hoses are pressure sealed, leak proof under vacuum conditions and can be used with or without inside interlocked liner.

We have supplied Water and Oxygen Lance Hoses to Steel Plants (Tisco, Rourkela, Vishakhapatnam, Bhilai & Bokaro).

## Technical Data for Braided Hoses & Assemblies

SIZE		SINGLE BRAID					DOUBLE BRAID				
Nominal Size		Static bend radius	Dynamic bend radius	Max. working pressure	Test pressure	Burst pressure	Static bend radius	Dynamic bend radius	Max working Pressure	Test Pressure	Burst pressure
Inch	mm	mm	mm	bar	bar	bar	mm	mm	bar	bar	bar
1/4	6	25	100	154	230	616	25	100	246	369	984
3/8	10	40	150	105	157	420	40	150	168	252	672
1/2	12	50	200	88	132	352	50	200	140	210	560
5/8	16	50	200	73	109	292	50	200	116	174	464
3/4	20	70	200	64	96	256	70	200	102	153	408
1	25	90	200	50	75	200	90	200	80	120	320
1¼	32	110	250	42	63	168	110	250	67	100	268
1½	40	130	250	32	48	128	130	250	51	76	204
2	50	175	350	31	46	124	175	350	49	73	196
2½	65	200	410	26	39	104	200	410	41	61	164
3	80	205	450	18	27	72	205	450	28	42	112
4	100	230	560	16	24	64	230	560	26	39	104
5	125	280	660	16	24	64	280	660	25	37	100
6	150	320	815	12	18	48	320	815	20	30	80
8	200	435	1015	10	16	40	435	1015	16	24	64
10	250	560	1220	6.5	10	26	560	1220	10.5	16	42

Note : 1. The above technical details are subject to change without notice.

2. We can also supply the above hoses for higher pressures.

3. The above values apply only to Bengal Braided Hoses and Assemblies at ambient temperature.

## Advantages of Flexible Metal Hose

- High physical strength combined with light weight.
- Suitable for wide temperature range (-270° C to +700° C)
- Good corrosion resistance.
- Resistance to fire, moisture, abrasion and penetration.
- Absorbs vibration and noise from pumps, compressors, engines etc.
- Compensates for intermittent or constant movement.
- Compensates for thermal expansion or contraction of piping.
- Corrects problems of misalignment.
- A flexible and quick alternative for rigid piping in difficult locations.



Wide Range