

SAND SUCTION

Sand Suction hose provides a flexible member on the suction side of a dredge for ease of movement of the dredge ladder. This hose also handles applications of severe suction service, sand, gravel and other abrasive materials. This hose features a wide variety of sizes available with two tube thicknesses (3/8" and 1/2"), all of which have excellent weathering abrasion resistance. This hose has been designed to hold a **vacuum rating of 30 inches of mercury** for every size.



Resistance:



Branding:

Thermoid HBD Industries
Sand Suction Made In USA

- Cover Color:** Black
- Oil Resistance:** Limited
- Construction:**
 - Tube:** NR - 3/8" or 1/2" thick
 - Cover:** SBR/EPDM
 - Reinforcement:** Single steel helix spiralled between multiple plies of high tensile square woven polyester
- Temperature Range:** -40°F to +160°F
-40°C to +71°C
- Packaging:** 50 ft. lengths maximum
Hand built – \$250.00 minimum order per size
- Ends:** Built-in nipples, straight or enlarged
Straight only for 6-5/8", 8-5/8", 10-3/4" and 12-3/4"

3/8" Inner Tube, 30 Inch Hg. Vacuum

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
11444456502▲	6	152.40	7.88	200.03	5	125	0.86	60.00	1524.00	12.40	18.45
11444457502▲	6-5/8	168.28	8.56	242.89	5	125	0.86	66.25	1682.75	13.90	20.69
11444458502▲	8	203.20	10.00	254.00	5	125	0.86	80.00	2032.00	16.10	23.96
11444459502▲	8-5/8	219.08	10.69	271.46	6	125	0.86	86.25	2190.75	19.50	29.02
11444460502▲	10	254.00	12.25	311.15	6	125	0.86	100.00	2540.00	24.70	36.76
11444461502▲	10-3/4	273.05	13.00	330.20	6	125	0.86	107.50	2730.50	26.40	39.29
11444462502▲	12	304.80	14.31	363.54	7	125	0.86	120.00	3047.00	30.70	45.69
11444463502▲	12-3/4	323.85	15.06	382.59	7	125	0.86	127.50	3238.50	33.00	49.11
11444464502▲	14	355.60	16.44	417.51	8	125	0.86	140.00	3556.00	38.20	56.85
11444466502▲	16	406.40	18.63	473.08	9	125	0.86	160.00	4064.00	45.70	68.01
11444468502▲	18	457.20	20.75	527.05	10	125	0.86	180.00	4572.00	54.60	81.26
11444470502▲	20	508.00	23.06	585.79	11	125	0.86	200.00	5080.00	68.40	101.80

1/2" Inner Tube, 30 Inch Hg. Vacuum

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
11444586502▲	6	152.40	8.13	206.38	5	125	0.86	60.00	1524.00	14.10	20.98
11444587502▲	6-5/8	168.28	8.81	249.24	5	125	0.86	66.25	1682.75	15.70	23.37
11444588502▲	8	203.20	10.25	260.35	5	125	0.86	80.00	2032.00	19.10	28.43
11444589502▲	8-5/8	219.08	11.00	279.40	6	125	0.86	86.25	2190.75	21.70	32.30
11444590502▲	10	254.00	12.50	317.50	6	125	0.86	100.00	2540.00	27.20	40.48
11444591502▲	10-3/4	273.05	13.25	336.55	6	125	0.86	107.50	2730.50	28.30	42.12
11444592502▲	12	304.80	14.63	371.48	7	125	0.86	120.00	3047.00	33.80	50.30
11444593502▲	12-3/4	323.85	15.38	390.53	7	125	0.86	127.50	3238.50	35.70	53.13
11444594502▲	14	355.60	16.69	423.86	8	125	0.86	140.00	3556.00	41.60	61.91
11444596502▲	16	406.40	18.94	481.01	9	125	0.86	160.00	4064.00	49.50	73.67
11444598502▲	18	457.20	21.00	533.40	10	125	0.86	180.00	4572.00	58.50	87.06
11444599502▲	20	508.00	23.38	593.73	11	125	0.86	200.00	5080.00	73.20	108.94

▲ = Make To Order (MTO)

MATERIAL HANDLING