

## TYPE 101 MATERIAL HANDLING – BLACK COVER

The Type 101 Material Handling hose was designed to handle applications in which a vacuum rating of 20 inches of Hg is required for discharge of open-end services, as well as the handling of air-suspended materials such as hay, silage, canning waste, dried leaves and street litter. It is lightweight, extremely easy to handle, provides a working pressure of 10 to 20 psi and is available with straight or enlarged ends.



**RESISTANCE**    
**BRANDING** Thermoid HBD Industries  
 Type 101 Material Handling  
 Made In USA

**Cover Color:** Black  
**Oil Resistance:** Limited  
**Construction:**  
**Tube:** SBR/NR - 1/16" thick  
**Cover:** SBR/EPDM - corrugated  
**Reinforcement:** One wrapped ply of very lightweight fabric. Steel helix(es) wire resists collapse. Extra ply reinforcement at the ends. Standard 3" long straight blank ends.  
**Temperature Range:** -40°F to +160°F  
 -40°C to +71°C  
**Packaging:** 30 ft. lengths maximum  
 Hand built – \$250.00 minimum order per size

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)
11470020502▲	2	50.80	2.50	63.50	1	20	0.14	6.00	152.40	0.60	0.89
11470025502▲	2-1/2	63.50	3.00	76.20	1	20	0.14	8.00	203.20	0.70	1.04
11470030502▲	3	76.20	3.50	88.90	1	20	0.14	9.00	228.60	0.80	1.19
11470035502▲	3-1/2	88.90	4.00	101.60	1	20	0.14	11.00	279.40	1.00	1.49
11470040502▲	4	101.60	4.50	114.30	1	20	0.14	12.00	304.80	1.10	1.64
11470050502▲	5	127.00	5.50	139.70	1	15	0.10	15.00	381.00	1.30	1.93
11470060502▲	6	152.40	6.50	165.10	1	15	0.10	18.00	457.20	1.60	2.38
11470080502▲	8	203.20	8.50	215.90	1	15	0.10	24.00	609.60	2.30	3.42
11470100502▲	10	254.00	10.50	266.70	1	10	0.07	30.00	762.00	2.90	4.32
11470120502▲	12	304.80	12.50	317.50	1	10	0.07	36.00	914.40	3.50	5.21
11470140502▲	14	355.60	14.50	368.30	1	10	0.07	42.00	1066.80	4.30	6.40
11470160502▲	16	406.40	16.50	419.10	1	10	0.07	48.00	1219.20	5.20	7.74

▲ = Make To Order (MTO)

MATERIAL HANDLING

Consult coupling manufacturers for specific coupling recommendations/attachment procedures.