

## TYPE 102 MATERIAL HANDLING

The Type 102 Material Handling hose is used in those areas where those applications require either a full vacuum rating or 150 psi working pressure. This hose has been specifically designed for compatibility with two-piece aluminum coupling for ease of field installation. The reinforcement of polyester plies with a helical wire allows the Type 102 Material Handling hose to resist crushing, kinking or collapsing.



**RESISTANCE**    
**BRANDING** Thermoid HBD Industries  
 Type 102 Material Handling  
 Made In USA

**Cover Color:** Black  
**Oil Resistance:** Limited  
**Construction:**  
     **Tube:** NR - tan. 40 durometer  
     **Cover:** SBR/EPDM - corrugated  
     **Reinforcement:** Wrapped construction with polyester plies and a steel wire helix(es)  
**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)
11476003502▲	3	76.20	4.50	114.30	3	150	1.03	18.00	457.20	5.10	7.59
11476004502▲	4	101.60	5.25	133.35	3	150	1.03	24.00	609.60	5.50	8.19
11476005502▲	5	127.00	6.44	163.51	3	150	1.03	30.00	762.00	8.00	11.91
11476006502▲	6	152.40	7.50	190.50	4	150	1.03	36.00	914.40	11.40	16.97
11476007502▲	8	203.20	9.50	241.30	4	150	1.03	48.00	1219.20	16.00	23.81
11476010502▲	10	254.00	11.50	292.10	4	150	1.03	60.00	1524.00	19.80	29.47
11476012502▲	12	304.80	13.50	342.90	4	150	1.03	72.00	1828.80	24.20	36.02

▲ = Make To Order (MTO)