

**HY-FLEX™ 200/275/300 DOCK-NYLON/UHMWPE TUBE (Rough Bore)**

Hi-Flex Dock hose is ideal for use with chemicals, oils and hydrocarbons to 100%, as well as MTBE's to 100%. This hose comes in three grades of working pressures, 200, 275 and 300 for higher pressure applications. These working pressures are due to the polyester tire cord with steel wire helix(es) reinforcement. The nylon tube liner allows a smooth flow of product through the system. All Thermoid dock loading hose meets U.S. Coast Guard requirements.



**Resistance:**



**Branding:**

Thermoid/HBD Industries Hy-Flex OS&D 275 psi WP Conforms to USCG 33 CFR 1545 suitable for up to 100% aromatics Made In USA



**Resistance:**



**Branding:**

Thermoid/HBD Industries Hy-Flex OS&D 300 psi WP Conforms to USCG 33 CFR 1545 suitable for up to 100% aromatics Made In USA

- Cover Color:** Black
- Oil Resistance:** High
- Construction:**
  - Tube:** Round, galvanized bore wire, plain unbonded nylon liner, UHMWPE liner
  - Cover:** CR
  - Reinforcement:** Polyester tire cord, high strength steel wire helix(es)
- Temperature Range:** -20°F to +180°F  
-29°C to +82°C
- Packaging:** Hand built
- Couplings:** Swage. Fixed or floating 150# or 300# flange each end

**HY-FLEX 200**

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)
34854210502▲	4	101.60	5.19	131.76	2	200	1.38	14.00	355.60	4.50	6.70
34854215502▲	6	152.40	7.50	190.50	2	200	1.38	21.00	533.40	8.40	12.50
34854220502▲	8	203.20	9.75	247.65	4	200	1.38	29.00	736.60	14.00	20.84
34854225502▲	10	254.00	11.94	303.21	6	200	1.38	36.00	914.40	22.50	33.49

All sizes have 30 inches of mercury vacuum

**HY-FLEX 275**

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)
34854240502▲	4	101.60	5.25	133.35	4	275	1.90	16.00	406.40	4.50	6.70
34854245502▲	6	152.40	7.50	190.50	4	275	1.90	21.00	533.40	8.40	12.50
34854250502▲	8	203.20	9.94	252.41	4	275	1.90	31.00	787.40	16.00	23.81
34854255502▲	10	254.00	11.94	303.21	6	275	1.90	38.00	965.20	22.50	33.49

All sizes have 30 inches of mercury vacuum

**HY-FLEX 300**

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)
34854270502▲	4	101.60	5.25	133.35	4	300	2.07	16.00	406.40	4.50	6.70
34854275502▲	6	152.40	7.50	190.50	4	300	2.07	23.00	584.20	8.40	12.50
34854280502▲	8	203.20	9.94	252.41	6	300	2.07	31.00	787.40	15.00	22.32
34854285502▲	10	254.00	11.94	303.21	6	300	2.07	38.00	965.20	22.50	33.49

All sizes have 30 inches of mercury vacuum

▲ = Make To Order (MTO)