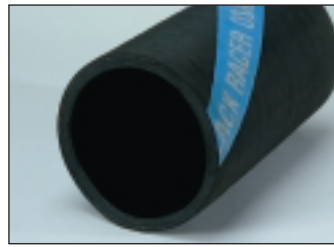


Product information is subject to change. For full details, visit our website or contact Customer Service.

BLACK RACER™ OS & D

Black Racer Oil Suction and Discharge hose is designed for barge or dock service handling, gasoline, oil and other petroleum products. This hose features smooth bore construction with a polyester tire cord, wire helix reinforcement. This makes the hose suitable for **full vacuum (30 inches of Hg)** and 200 psi discharge. Long 100 ft. lengths helps cut down on connection problems. Black Racer meets the U.S. Coast Guard requirements.



Resistance:



Branding:

Thermoid HBD Industries Inc.
Black Racer Oil S & D
Made In USA

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	CR
Reinforcement:	Polyester tire cord, with a wire helix(es)
Temperature Range:	-20°F to +200°F -29°C to +93°C
Packaging:	100 ft. maximum Hand built – \$250.00 minimum order per size
Couplings:	Constrictor swage couplings

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)
34854034002▲	4	101.60	5.00	127.00	4	200	1.38	22.00	558.80	4.20	6.25
34854036002▲	6	152.40	7.13	180.98	4	200	1.38	35.00	889.00	7.60	11.31
34854038002▲	8	203.20	9.19	233.36	4	200	1.38	46.00	1168.40	10.60	15.78

▲ = Make To Order (MTO)

Fixed Flanges

Product Number	Size
34941040001▲	4
34941060001▲	6
34941080001▲	8

Floating Flanges

Product Number	Size
34942040001	4
34942060001	6
34942080001	8

▲ = Make To Order (MTO)

CHEMICAL & SOLVENT – UHMW POLYETHYLENE LINING (Smooth Bore)

Chemical and Solvent hose is used for the transfer of solvents and chemicals between the dock and barges or the dock and tankers. Like all Thermoid dock loading hose, this hose meets all U.S. Coast Guard requirements. The CR cover is resistant to abrasion, weathering and ozone.



Resistance:



Branding:

None

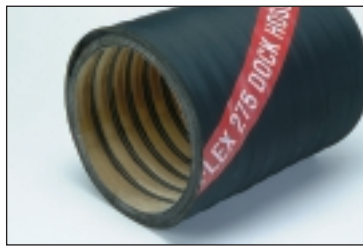
Cover Color:	Black
Oil Resistance:	High at +70°F, not rated at +140°F
Construction:	
Tube:	UHMWPE
Cover:	CR
Reinforcement:	Single steel wire helix(es) spiralled between multiple plies of synthetic tire cord
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	50 ft. maximum Hand built – \$250.00 minimum order per size
Couplings:	Swaged

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)
11434456502▲	4	101.60	5.25	133.35	4	200	1.38	36.00	914.40	5.20	7.74
11434458502▲	6	152.40	7.38	187.33	4	200	1.38	48.00	1219.20	10.70	15.92
11434460502▲	8	203.20	9.63	244.48	4	200	1.38	64.00	1625.60	14.80	22.03
11434462502▲	10	254.00	11.94	303.21	6	200	1.38	80.00	2032.00	20.70	30.81

▲ = Make To Order (MTO)

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)
- Flow Velocity:** 35 Ft/Second maximum
- Temperature Range:** -20°F to +180°F
-29°C to +82°C
- Packaging:** Crated
- 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)

Product information is subject to change. For full details, visit our website or contact Customer Service.

SAFETYFLEX®

Safetyflex is a premium hose used in the loading and unloading of gasoline, oil, and other petroleum products at dock installations. This hose features exceptional strength (a 13:1 safety factor) that is much greater than conventional hose. Safetyflex features amazing flexibility and durability with a unique coupling design that protects against blow-offs and leaks. The CR cover is designed to resist abrasion, weather, oil and gasoline. The reinforcement of layers of spiraled high-tensile steel wire, synthetic fabric plies between the wire and tube, provide exceptional strength, long life, maximum flexibility, and guards against bursting even at high working pressures. Safetyflex, like all Thermoid dock loading hoses, meets all U.S. Coast Guard requirements.



Resistance:



Branding:

Thermoid HBD Industries
Safetyflex Oil Service 300 PSI WP
Made In USA

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A - other elastomers available upon request
Cover:	CR
Reinforcement:	Layers of spiraled high-tensile steel wire embedded in the hose body with a rubber cushion between each ply
Flow Velocity:	50 Ft/Second maximum
Temperature Range:	-20°F to +200°F -29°C to +93°C
Packaging:	100 ft. 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)
34854430002▲	3	76.20	4.44	112.71	4	300	2.07	12.00	304.80	6.90	10.27
34854435002▲	4	101.60	5.19	131.76	4	300	2.07	16.00	406.40	7.50	11.16
34854440002▲	6	152.40	7.50	190.50	6	300	2.07	24.00	609.60	15.70	23.69
34854445002▲	8	203.20	9.69	246.06	8	300	2.07	32.00	812.80	22.70	40.38

▲ = Make To Order (MTO)

SAFETYFLEX® WATER JETTING

Safetyflex Water Jetting is a rugged, heavy-duty, wire reinforced hose for inland water ways and off shore high pressure water jetting service. Safetyflex Water Jetting hose is suitable for high flow velocity (70 ft. per second) service. The multiple plies of plated steel wire reinforcement enable this hose to provide up to 1500 psi working pressure. SafetyFlex Water Jetting hose meets all U.S. Coast Guard requirements. The CR cover provides resistance to abrasion, weathering and ozone.



Resistance:



Branding:

Thermoid/HBD Industries, Inc.
1500 PSI WP Jetting
Made In USA

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	CR, taped, wrapped exterior finish
Reinforcement:	Multiple plies of plated steel wire
Temperature Range:	-20°F to +200°F -29°C to +93°C
Packaging:	100 ft. maximum Hand built – \$250.00 minimum order per size Pressures up to 2500 psi WP in sizes up to 8" I.D. are also available. Contact Salisbury customer service. Straight end hose or coupled assemblies shipped on reels or in crates. 8" I.D. hose or assemblies over 60 ft. long require special packaging or shipping.

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)
34854460002▲	4	101.60	5.19	131.76	4	1500	10.34	16.00	406.40	7.80	11.61
34854465002▲	6	152.40	7.50	190.50	6	1500	10.34	24.00	609.60	14.10	23.69
34854470002▲	8	203.20	9.75	247.65	8	1500	10.34	32.00	812.80	22.40	40.38

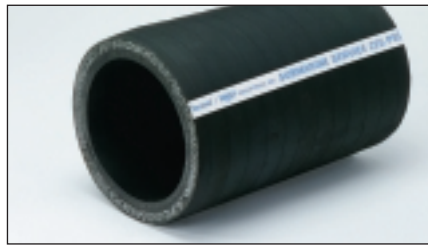
▲ = Make To Order (MTO)

SUBMARINE 225 PSI (Smooth Bore)

Thermoid's Submarine hose is recommended for oil transfer applications in submarine installations where the hose is either partially or totally submerged. Submarine 225 hose features a double CR cover, which is very abrasion resistant, a breaker strip and a tough inner cover. This extra heavy construction is kink resistant, and resists end pulls associated with this application. The CR cover has been designed to resist long periods of being submerged. The galvanized steel helix with multiple plies of steel cord enables this hose to handle up to 225 psi in working pressure.

Submarine 225 hose:

- Meets all U.S. Coast Guard requirements.
- Meets OCIMF 4th Edition 1991 Guide to Purchasing, Manufacturing and Testing of Loading and Discharge Hoses for Offshore Mooring.
- Safety Factor 5:1
- Product offered in three styles:
 1. Mainline
 2. Plem
 3. Tanker Rail
- Lifting lugs are supplied for built-in nipples with Tanker Rail construction
- Other working pressures are available, contact Customer Service for complete product details.



Resistance:
Branding:
Thermoid HBD Industries Submarine Service 225# PSI Made In USA

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A - other elastomers available upon request
Cover:	CR, double thickness (.282" with nylon breaker)
Reinforcement:	Galvanized steel wire helix(es) spiralled between multiple plies of synthetic cord
Flow Velocity:	70 Ft/Second maximum
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	50 ft. maximum Hand built - \$250.00 minimum order per size
Couplings:	BIN. Available to meet OCIMF specifications with galvanized weld neck flanges plus x-ray tested welds

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)
11436006002▲	6	152.40	8.34	423.86	6	225	1.55	24.00	609.60	15.70	23.37
11436008002▲	8	203.20	10.44	265.11	6	225	1.55	32.00	812.80	22.30	33.19
11436010002▲	10	254.00	12.38	314.33	6	225	1.55	40.00	1016.00	29.10	43.31
11436012002▲	12	304.80	14.88	377.83	8	225	1.55	48.00	1219.20	39.40	58.64

▲ = Make To Order (MTO)

TANKMASTER® HOT ASPHALT (Smooth Bore)

Tankmaster Hot Asphalt hose is designed to handle the transfer of petroleum based materials such as tar, hot oils and asphalt, of course.

The temperatures of these materials should not exceed +350°F. The CR tube and cover provide excellent resistance to weathering and oils. The reinforcement of multiple plies of synthetic cord with a wire helix enables this hose to work at a top working pressure of 200 psi. All Thermoid dock loading hose meets the U.S. Coast Guard requirements.



Resistance:
Branding:
Thermoid HBD Industries Tankmaster Hot Asphalt Made In USA -20°F to +350°F

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	CR
Cover:	CR
Reinforcement:	Single wire helix(es) spiralled between multiple plies of synthetic cord.
Temperature Range:	-20°F to +350°F -29°C to +177°C
Packaging:	100 ft. maximum Hand built - \$250.00 minimum order per size
Couplings:	Swaged couplings or built-in nipples

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)
11434720502▲	4	101.60	5.06	128.59	4	200	1.38	24.00	609.60	5.40	8.04
11434722502▲	6	152.40	7.56	192.09	4	200	1.38	36.00	914.40	11.50	17.11
11434724502▲	8	203.20	9.63	244.48	6	200	1.38	48.00	1219.20	17.50	26.04
11434726502▲	10	254.00	11.88	301.63	8	200	1.38	60.00	1524.00	22.50	33.49

▲ = Make To Order (MTO)

Product information is subject to change. For full details, visit our website or contact Customer Service.

TANKMASTER® K200 OIL SUCTION & DISCHARGE 200 PSI (Smooth Bore)

Tankmaster K200 Oil Suction and Discharge hose is recommended for the transfer of petroleum based products. The smooth bore promotes an even flow through the system. The reinforcement of multiple plies of spiral tire cords with a dual steel helix allows this hose to handle up to 200 psi working pressure. Tankmaster K200 does meet all the specifications of the USCG and RMA Type 1, Class 2 regulations. The 100 ft. lengths help cut down on connection problems. Tankmaster K200, like all dock loading hose, meets the U.S. Coast Guard requirements.



Resistance:



Branding:

Thermoid HBD Industries
Tankmaster K200 Oil Suction &
Discharge 200 PSI Smooth Bore
Made In USA

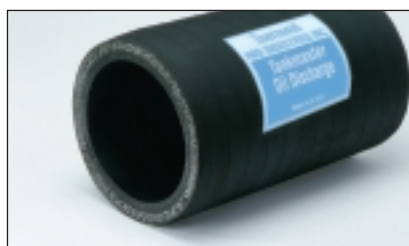
Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	CR - corrugated, double pitch
Reinforcement:	Dual steel wire helix(es) spiralled between multiple plies of spiral tire cords
Flow Velocity:	50 Ft/Second maximum
Temperature Range:	-20°F to +200°F -29°C to +93°C
Packaging:	100 ft. maximum Hand built – \$250.00 minimum order per size
Couplings:	Swage only

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)
11434520502▲	4	101.60	5.00	127.00	4	200	1.38	15.00	381.00	5.00	7.44
11434521502▲	6	152.40	7.31	185.74	4	200	1.38	22.00	558.80	9.30	13.84
11434523502▲	8	203.20	9.63	244.48	4	200	1.38	30.00	762.00	14.20	21.13
11434525502▲	10	254.00	11.88	301.63	6	200	1.38	36.00	914.40	20.00	29.77

▲ = Make To Order (MTO)

TANKMASTER® OIL DISCHARGE (Smooth Bore)

Use Tankmaster Oil Discharge hose in discharge applications only. This hose handles gasoline, oils and other petroleum distillates. This hose is lightweight and resistant to petroleum products with aromatic content up to 50%. The multiple plies of synthetic cord reinforcement enable this hose to operate smoothly even up to working pressures of 200 psi. The CR cover and NBR tube are resistant to abrasions, weathering and ozone. Tankmaster Oil Discharge hose meets the requirements of the U.S. Coast Guard regulations.



Resistance:



Branding:

Thermoid HBD Industries
Tankmaster Oil Discharge
Made In USA

Cover Color:	Black
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	CR
Reinforcement:	Multiple plies of synthetic cord
Flow Velocity:	50 Ft/Second maximum
Temperature Range:	-20°F to +200°F -29°C to +93°C
Packaging:	100 ft. maximum
Couplings:	Swaged couplings through 10" I.D. or built-in nipples through 12" I.D.

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)
11434650502▲	4	101.60	4.88	123.83	4	200	1.38	n/a	n/a	2.80	4.17
11434655502▲	6	152.40	7.00	177.80	4	200	1.38	n/a	n/a	4.90	7.29
11434660502▲	8	203.20	9.31	236.54	6	200	1.38	n/a	n/a	7.70	11.46
11434665502▲	10	254.00	11.19	284.16	6	200	1.38	n/a	n/a	8.30	12.35
11434670502▲	12	304.80	13.41	340.52	6	200	1.38	n/a	n/a	13.30	19.79

▲ = Make To Order (MTO)

n/a = Not Applicable

TANKMASTER® 200/225 - FKM LINING (Smooth Bore)

Tankmaster 200/225 hose is recommended for the transfer of aromatic hydrocarbons. This hose has been designed to handle **full vacuum** applications. Also, the Tankmaster 200/225 hose will handle discharge applications up to 200 psi. The multiple plies of synthetic cord with a helical wire reinforcement allow this hose to maintain its roundness. Tankmaster 200/225 hose meets all U.S. Coast Guard requirements.



Resistance:

Branding:
Thermoid HBD Industries Tankmaster 200 Made In USA

Cover Color: Black
Oil Resistance: High
Construction:
Tube: FKM Fluoroelastomer
Exceeds RMA Class A
Cover: CR
Reinforcement: Single wire helix(es) spiralled between multiple plies of synthetic cord
Flow Velocity: 50 Ft/Second maximum
Temperature Range: -20°F to +200°F
-29°C to +93°C
Packaging: 100 ft. maximum
Couplings: Swaged

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)
11434950502▲	4	101.60	5.31	134.94	4	200	1.38	24.00	609.60	7.50	11.16
11434955502▲	6	152.40	7.63	193.68	4	200	1.38	36.00	914.40	11.60	17.26
11434960502▲	8	203.20	9.63	244.48	4	200	1.38	48.00	1219.20	20.30	30.21
11434965502▲	10	254.00	11.88	301.63	6	200	1.38	60.00	1524.00	28.10	41.82

▲ = Make To Order (MTO)

TANKMASTER® NBR LINING 200 (Smooth Bore)

Tankmaster NBR Lining 200 hose is designed to handle **full vacuum** or suction and discharge for barge or dock service. This includes the loading or unloading of gasoline, oils and other petroleum products. Static wire is included. The multiple ply synthetic cord with a wire helix reinforcement gives a constant working pressure of 200 psi for all sizes. All U.S. Coast Guard requirements are met by this hose.



Resistance:

Branding:
Thermoid HBD Industries Tankmaster 200 Smooth Bore Oil Suction & Discharge 200 PSI Made In USA

Cover Color: Black
Oil Resistance: High
Construction:
Tube: NBR, RMA Class A - other elastomers available upon request
Cover: CR
Reinforcement: Multiple plies of synthetic cord with wire helix(es) embedded in the hose body
Flow Velocity: 50 Ft/Second maximum
Temperature Range: -20°F to +200°F
-29°C to +93°C
Packaging: 100 ft. maximum
Hand built – \$250.00 minimum order per size
Ends: Built-in nipples through 12" I.D.
Swaged couplings through 10" I.D.

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)
11434480502▲	4	101.60	5.00	127.00	4	200	1.38	24.00	609.60	6.00	8.93
11434482502▲	6	152.40	7.31	185.74	4	200	1.38	36.00	914.40	10.50	15.63
11434484502▲	8	203.20	9.63	244.48	4	200	1.38	48.00	1219.20	15.10	22.47
11434486502▲	10	254.00	11.88	301.63	6	200	1.38	60.00	1524.00	22.00	32.74
11434488502▲	12	304.80	14.03	356.39	6	200	1.38	72.00	1828.80	30.50	45.39

▲ = Make To Order (MTO)