



# PETROLEUM DOCK

	<i>Page</i>	<i>Nitrile Tube</i>	<i>Flosyn Tube</i>	<i>Max W.P.</i>	<i>Corrugated</i>	<i>Temp Range</i>	<i>Built-in Nipple</i>	<i>Swage Nipple*</i>
Flexdock® 225	148	Yes	Yes	225	Yes	-25°F to 200°F	Yes	Yes
Flexdock® 300	149	Yes	Yes	300	Yes	-25°F to 200°F	Yes	Yes
Hot Tar & Asphalt Rough Bore	155	Yes		200		-25°F to 350°F	Yes	
Hot Tar & Asphalt Smooth Bore	155	Yes		200		-25°F to 350°F	Yes	
Smooth Bore Dock 200	150	Yes	Yes	200		-25°F to 200°F	Yes	Yes
Smooth Bore Dock 300	151	Yes	Yes	300		-25°F to 200°F	Yes	Yes
Tanker Barge Discharge	152	Yes	Yes	200		-25°F to 220°F	Yes	Yes
Thor™ Submarine	154	Yes		250		-25°F to 180°F	Yes	
Vapor Recovery Dock	153	Yes	Yes	25	Yes	-25°F to 200°F	Yes	Yes

\* Up to 10" ID

Air & Multipurpose  
*General Purpose*  
*Heavy Duty*  
*Push-on*

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Cleaning Equipment

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Air &  
Multipurpose  
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# PETROLEUM DOCK

## FLEXDOCK® 225



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**APPLICATION:**

Built with a corrugated cover to provide flexibility in petroleum transfer service. A variety of tube compounds are available to tailor the chemical and hydrocarbon resistance of the hose to the type of material handled.

**CONSTRUCTION**

**TUBE:**

Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.

**COVER:**

Black Wingprene® synthetic cover, corrugated, wrapped finish

**REINFORCEMENT:**

Spiral-plied heavy-duty synthetic fabric with double wire helix

**TEMPERATURE:**

-25°F to 200°F (-32°C to 93°C)

**PACKAGING:**

Chloroplast heavy duty packaging

**BRANDING:**

Continuous spiral brand example "Goodyear™ Flexdock 225 psi WP Nitrile Oil Service."

**COUPLINGS:**

Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

**NON-STOCK/SIZES:**

Custom lengths available, contact customer service.

**ORDER CODES:**

541-532 (Nitrile tube)      541-534 (Flosyn tube)

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3	76.2	3.89	98.8	225	1.55	11	279	29	737	3.28	4.88
4	101.6	5.29	134.4	225	1.55	15	381	29	737	6.30	9.38
6	152.4	7.34	186.4	225	1.55	22	559	29	737	9.50	14.14
8	203.2	9.43	239.5	225	1.55	30	762	29	737	13.81	20.55
10	254.0	11.63	295.4	225	1.55	40	1016	29	737	20.49	30.49
12	304.8	13.72	348.5	225	1.55	60	1524	29	737	25.13	37.40
14	337.0	15.31	389.0	225	1.55	80	2000	29	737	34.30	51.00

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.



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# PETROLEUM DOCK

## FLEXDOCK® 300



- APPLICATION:** Built with a corrugated cover to provide flexibility in petroleum transfer service. A variety of tube compounds are available to tailor the chemical and hydrocarbon resistance of the hose to the type of material handled.
- CONSTRUCTION**
- TUBE:** Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.
- COVER:** Black Wingprene® synthetic cover, corrugated, wrapped finish
- REINFORCEMENT:** Heavy-duty synthetic fabric plies with double wire helix.
- TEMPERATURE:** -25°F to 200°F (-32°C to 93°C)
- PACKAGING:** Chloroplast heavy-duty packaging
- BRANDING:** Continuous spiral brand example "Goodyear™ Flexdock 300 psi WP Nitrile Oil Service."
- COUPLINGS:** Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.
- NON-STOCK/SIZES:** Custom lengths available, contact customer service.
- ORDER CODES:** 541-533 (Nitrile Tube)      541-535 (Flosyn tube)

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3	76.2	4.06	103.7	300	2.07	14	356	29	737	3.76	5.60
4	101.6	5.29	134.4	300	2.07	19	483	29	737	6.30	9.38
6	152.4	7.35	186.7	300	2.07	28	711	29	737	9.64	14.35
8	203.2	9.63	244.6	300	2.07	38	965	29	737	15.56	23.16
10	254.0	11.51	292.4	300	2.07	48	1219	29	737	19.73	29.36
12	305.5	13.94	353.9	300	2.07	58	1473	29	737	28.89	42.98

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.

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Air &  
Multipurpose  
*General Purpose*  
*Heavy Duty*  
*Push-on*

# PETROLEUM DOCK

## SMOOTH BORE DOCK 200



Chemical  
Transfer

Cleaning  
Equipment

Food  
*Transfer*  
*Washdown*

Marine

**APPLICATION:**

For the transfer of petroleum based products between docks and ships under all types of service conditions. It is available in a number of tube compounds to tailor the fluid handling capabilities to a wide variety of petroleum and chemical compositions.

**CONSTRUCTION**

**TUBE:**

Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.

**COVER:**

Black Chemivic® (smooth cover, wrap finish)

**REINFORCEMENT:**

Spiral plied synthetic fabric with wire helix

**TEMPERATURE:**

-25°F to 200°F (-32°C to 93°C)

**PACKAGING:**

Chloroplast heavy-duty packaging

**BRANDING:**

Continuous spiral brand example "Goodyear™ SB Dock oil service, 200 psi WP Nitrile."

**COUPLINGS:**

Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

**NON-STOCK/SIZES:**

Custom lengths available, contact customer service.

**ORDER CODES:**

541-004 (Nitrile Tube)      541-586 (Flosyn Tube)

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3	76.2	4.25	108.0	200	1.38	18	457	29	737	4.50	6.70
4	101.6	5.29	134.4	200	1.38	24	610	29	737	6.15	9.15
6	152.4	7.45	189.2	200	1.38	36	914	29	737	11.27	16.77
8	203.2	9.62	244.4	200	1.38	48	1219	29	737	16.44	24.46
10	254.0	11.62	295.2	200	1.38	60	1524	29	737	21.21	31.56
12	304.8	13.94	354.1	200	1.38	72	1829	29	737	30.63	45.58

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.

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# PETROLEUM DOCK

## SMOOTH BORE DOCK 300



- APPLICATION:** For the transfer of petroleum based products between docks and ships under all types of service conditions. It is available in a number of tube compounds to tailor the fluid handling capabilities to a wide variety of petroleum and chemical compositions.
- CONSTRUCTION TUBE:** Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.
- COVER:** Black Wingprene® synthetic rubber
- REINFORCEMENT:** Spiral wire helix between plies of synthetic fabric
- TEMPERATURE:** -25°F to 200°F (-32°C to 93°C)
- PACKAGING:** Chloroplast heavy-duty packaging
- BRANDING:** Continuous spiral brand example "Goodyear™ SB Dock oil service, 300 psi WP Nitrile."
- COUPLINGS:** Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.
- NON-STOCK/SIZES:** Custom lengths available, contact customer service.
- ORDER CODES:** 541-580 (Nitrile Tube)      541-584 (Flosyn Tube)

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
3	76.2	4.25	108.0	300	2.07	21	533	29	737	4.48	6.67
4	101.6	5.29	134.4	300	2.07	27	686	29	737	6.15	9.15
6	152.4	7.51	190.8	300	2.07	39	991	29	737	11.72	17.44
8	203.2	9.78	248.4	300	2.07	51	1295	29	737	17.93	26.68
10	254.0	11.77	299.0	300	2.07	63	1600	29	737	22.99	34.21
12	304.8	14.15	359.4	300	2.07	75	1905	29	737	33.29	49.54

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.

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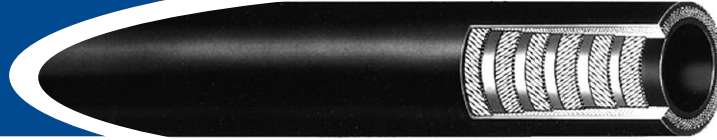
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Air &  
Multipurpose  
*General Purpose*  
*Heavy Duty*  
*Push-on*

# PETROLEUM DOCK

## TANKER BARGE DISCHARGE



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**APPLICATION:**

For discharge applications such as the transfer of petroleum-based products between docks and barges.

**CONSTRUCTION**

**TUBE:**

Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.

**COVER:**

Black Wingprene® synthetic rubber

**REINFORCEMENT:**

Spiral plied synthetic fabric with grounding wires

**TEMPERATURE:**

-25°F to 220°F (-32°C to 104°C)

**PACKAGING:**

Chloroplast heavy-duty packaging

**BRANDING:**

Continuous spiral brand example "Goodyear™ Tanker Barge Discharge, 200 psi WP Nitrile."

**COUPLINGS:**

Coupled with standard built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

**NON-STOCK/SIZES:**

Custom lengths available, contact customer service.

**ORDER CODES:**

541-426 (Nitrile tube)      541-427 (Flosyn tube)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
4	101.6	5.09	129.3	200	1.38	4.30	6.40
6	152.4	7.08	179.8	200	1.38	6.18	9.20
8	203.2	9.08	230.6	200	1.38	8.06	11.99
10	254.0	11.06	280.9	200	1.38	9.93	14.78
12	304.8	13.28	337.3	200	1.38	13.91	20.70

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.



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# PETROLEUM DOCK

## VAPOR RECOVERY DOCK



- APPLICATION:** For use in the recovery of petroleum vapors during the transfer of petroleum-based products between docks and tankers or barges.
- CONSTRUCTION TUBE:** Nitrile synthetic rubber for up to 50% aromatics. Also available with a Flosyn® tube for up to 100% aromatics.
- COVER:** Black Chemivic® synthetic rubber (corrugated)
- REINFORCEMENT:** Synthetic fabric plies plus two (2) wire helix
- TEMPERATURE:** -25°F to 200°F (-32°C to 93°C)
- PACKAGING:** Chloroplast heavy-duty packaging
- BRANDING:** Continuous spiral brand "Goodyear™ Vapor Recovery 25 psi MWP."
- COUPLINGS:** Built-in nipples (or swaged fittings up to 10" ID) fitted with 150# flange with extra 5/8" diameter hole located midway between flange bolt hole as per Coast Guard requirements.
- NON-STOCK/SIZES:** Custom lengths available, contact customer service.
- ORDER CODES:** 541-090 (Nitrile Tube)      541-643 (Flosyn Tube)

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
6	152.4	6.86	174.2	25	0.17	22	559	29	737	5.70	8.48
8	203.2	8.89	225.8	25	0.17	30	762	29	737	8.26	12.29
10	254.0	10.97	278.6	25	0.17	40	1016	29	737	12.63	18.80
12	304.8	13.00	330.2	25	0.17	60	1524	29	737	15.07	22.43

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, latest edition.

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Heavy Duty  
Push-on

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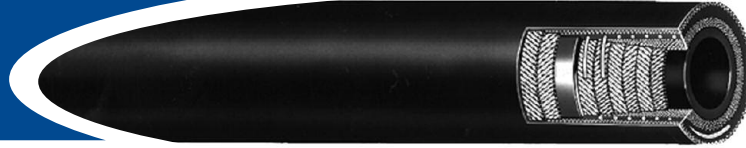
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Multipurpose  
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*Push-on*

# PETROLEUM DOCK

## THOR™ SUBMARINE



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**APPLICATION:**

For the transfer of petroleum products between docks and tankers when the hose is partially or completely submerged. It is rated at 250 psi (1.73 Mpa) maximum working pressure.

**CONSTRUCTION**

**TUBE:**

Nitrile synthetic rubber

**COVER:**

1/4" Black Plioflex® synthetic rubber

**REINFORCEMENT:**

Spiral wire helix between plies of synthetic fabric

**TEMPERATURE:**

-25°F to 180°F (-32°C to 82°C)

**PACKAGING:**

Heavy-duty plastic packaging

**BRANDING:**

Impression brand example "Goodyear™ SB Submarine oil service, Nitrile 250 psi WP."

**COUPLINGS:**

Coupled with **galvanized** built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Swage nipples are offered up to 10". Hose assembly is electrically continuous unless otherwise specified by customer.

**NON-STOCK/SIZES:**

Custom lengths available, contact customer service.

**ORDER CODES:**

541-577

ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi.</i>	<i>Mpa.</i>	<i>in.</i>	<i>mm.</i>	<i>lb./ft.</i>	<i>kg./m.</i>
6	152.4	7.81	198.4	250	1.72	36	914	14.30	21.28
8	203.2	9.89	251.2	250	1.72	48	1219	20.05	29.84
10	254.0	12.07	306.6	250	1.72	60	1524	27.23	40.52
12	304.8	14.10	358.1	250	1.72	72	1829	31.93	47.52

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.



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# PETROLEUM DOCK

## HOT TAR & ASPHALT



- APPLICATION:** Designed for petroleum-based products up to 350°F between docks and tankers or barges under heavy-duty conditions.
- CONSTRUCTION**
- TUBE:** Nitrile synthetic rubber, flat steel wire helix supporting the tube
- COVER:** Wingprene® synthetic rubber
- REINFORCEMENT:** Spiral-plied synthetic fabric with wire helix
- TEMPERATURE:** -25°F to 350°F (-32°C to 177°C)
- PACKAGING:** Custom lengths available, contact customer service.
- BRANDING:** Continuous brand example “Goodyear™ RB Dock hot asphalt, 350°F, 200 psi max.”
- COUPLINGS:** Coupled with galvanized built-in steel nipple/150#RFSO flanges. Available in other bolt hole patterns, materials and floating flanges on request. Smooth bore assembly is electrically continuous unless otherwise specified by customer. Rough bore assembly is offered as electrically continuous only.
- NON-STOCK/SIZES:** Custom lengths available, contact customer service.

## SMOOTH BORE

**ORDER CODES:** 541-606

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
4	101.6	5.28	134.1	200	1.38	36	914	29	737	6.48	9.64
6	152.4	7.72	196.1	200	1.38	48	1219	29	737	13.83	20.58
8	203.2	9.80	248.9	200	1.38	60	1524	29	737	19.11	28.44
10	254.0	11.80	299.7	200	1.38	80	2032	29	737	23.20	34.52

Note: Factory coupled hose tested to Coast Guard requirements specified in the Code of Federal Regulations, Title 33, Chapter 1, Subpart C, latest edition.

## ROUGH BORE

**ORDER CODES:** 541-582

ID		NOM. OD		MAX. WP		BEND RADIUS		VACUUM HG		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	in.	mm.	lb./ft.	kg./m.
6	152.4	8.19	208.0	200	1.38	36	914	29	737	16.19	24.09
8	203.2	10.25	260.4	200	1.38	48	1219	29	737	22.39	33.32
10	254.0	12.31	312.7	200	1.38	60	1524	29	737	29.09	43.29



See Page 2 for complete product warranty and terms of sale information. In V-Cat, please reference the Conditions of Sale page in the General Information section. Information in this catalog supersedes all previously printed material. Information valid as of the day published. Due to continual product improvements, Goodyear reserves the right to alter specs without prior notice. For the most current product information, visit us online at [www.goodyear-hose.com](http://www.goodyear-hose.com).

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Air & Multipurpose  
General Purpose  
Heavy Duty  
Push-on

Chemical Transfer

Cleaning Equipment

Food Transfer  
Washdown

Marine

Material Handling  
Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

**Petroleum**  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

Spray

Steam

Vacuum

Water Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Appendix  
Additional Products  
Chemical Charts  
General Information  
Minimum Run Requirements