

# Flexdock® 300



## Product Specifications

### Application

Flexdock® 300 is 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 Range

-25°F to 200°F (-32°C to 93°C)

### Packaging

Chloroplast heavy-duty packaging

### Branding (Spiral)

Example: Continental ContiTech Flexdock® 300 psi WP Oil Service

### Couplings

Coupled with standard built-in steel nipple/150#RF50 flanges. Available in other bolt hole patterns, materials and floating flanges upon 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)

### Flexdock® 300 Nitrile

SAP #	ID		Nom. OD		Max. WP		Bend Radius		Vacuum HG		Weight	
	in.	mm	in.	mm	psi	MPa	in.	mm	in.	mm	lb./ft.	kg/m
	2	50.8	2.98	75.7	300	2.07	10	254	29	737	2.48	3.69
	3	76.2	3.99	101.3	300	2.07	14	356	29	737	3.59	5.34
20015736	4	101.6	5.25	133.5	300	2.07	19	483	29	737	6.19	9.21
20015748	6	152.4	7.32	186.0	300	2.07	28	711	29	737	9.51	14.15
20015764	8	203.2	9.60	243.9	300	2.07	38	965	29	737	15.38	22.88
20546829	10	254.0	11.53	292.8	300	2.07	48	1219	29	737	19.88	29.59
20015774	12	305.4	13.91	353.4	300	2.07	58	1473	29	737	28.63	42.60

### Flexdock® 300 Flosyn®

	3	76.2	3.99	101.3	300	2.07	14	356	29	737	3.82	5.69
20307537	4	101.6	5.17	131.4	300	2.07	19	483	29	737	6.16	9.16
20015748	6	152.4	7.31	185.6	300	2.07	28	711	29	737	9.94	14.79
20160411	8	203.4	9.56	242.9	300	2.07	38	965	29	737	15.90	23.66
	10	254.0	11.55	293.4	300	2.07	48	1219	29	737	20.74	30.87
20590479	12	305.4	13.86	351.9	300	2.07	58	1473	29	737	29.34	43.67

Hose design ratio (burst pressure) 4:1.

Note: Factory-coupled hose manufactured according to the code of Federal Regulations Standard 33 CFR 154.500 and 33 CFR 156.170.

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

Chemical Transfer

Cleaning Equipment

**Food**

Dry Transfer  
Liquid Transfer  
Washdown

Marine

**Material Handling**

Abrasives  
Bulk Transfer  
Cement & Concrete

Mining

**Petroleum**

Aircraft Fueling  
Dispensing  
Dock  
Rig Supply  
Transfer Discharge  
Transfer S&D

Specialty

Steam

Vacuum

**Water**

Discharge  
Suction & Discharge  
Washdown  
Garden

Welding

Coupling Systems

Equipment

Appendix