

# Flexsteel® 250 Steam



### Application

Used for cleaning, heat control, fire prevention, pumping, thawing, blow-out service, steam pumps, and hoists in open-end or permanent installation operations. It is used in refineries, shipyards, chemical plants, steel mills, foundries, and heavy industrial applications where high strength is required and where severe environmental conditions are encountered.

### Construction

**Tube:** Pyrosyn® synthetic rubber  
**Cover:** Black or Red Pyrosyn®, smooth finish, pin-pricked  
**Reinforcement:** Braided steel wire (3/4" and 1" have 2 steel wire braids)

### Temperature

-0°F to 425°F (-18°C to 218°C)

### Packaging

Reels or 50' cut lengths (1/2"-4 per box, 3/4"-3 per box, 1"-2 per box)

Part #	NOM. ID		NOM. OD		MAX. WP		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
08-FLEX-250	1/2	12.70	1.06	26.92	250	1.72	0.40	0.60
12-FLEX-250	3/4	19.05	1.28	32.51	250	1.72	0.49	0.73
16-FLEX-250	1	25.40	1.63	41.40	250	1.72	0.78	1.16

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial Hose**

# Flexsteel® 250 CB Steam



### Application

Used for cleaning, heat control, fire prevention, pumping, thawing, blow-out service, steam pumps, and hoists in open-end or permanent installation operations. It is used in refineries, shipyards, chemical plants, steel mills, foundries, and heavy industrial applications where high strength is required and where severe environmental conditions are encountered.

### Construction

**Tube:** Chlorobutyl synthetic rubber

**Cover:** Red or Black Pyrosyn® synthetic rubber

**Reinforcement:** Braided steel wire (3/4" and higher have 2 steel wire braids)

### Temperature

-0°F to 450°F (-18°C to 232°C)

### Packaging

Smooth cover: Reels or 50' cut lengths (1/2"-4'/box, 3/4"-3'/box, 1"-2'/box)

Wrapped cover:

1/2" - Four 50' exact length/box

3/4"-1" - Three 50' exact length/box

1-1/4"-2" - One 50' exact length/box

## SF-Smooth Finish (Pin Pricked)

#### Colors Available

539-370

Black

539-376

Red

NOM. ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1/2	12.70	1.06	26.92	250	1.72	0.40	0.60
3/4	19.05	1.28	32.51	250	1.72	0.49	0.73
1	25.40	1.63	41.40	250	1.72	0.78	1.16

## WF-Wrapped Finish (Previously Chlorobutyl 250 Steam)

#### Colors Available

539-176

1/2" - 1" Red

539-176

1-1/4" - 2" Red

539-176

1/2" - 1" Black

NOM. ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1/2	12.70	1.00	25.40	250	1.72	0.42	0.63
3/4	19.05	1.31	33.27	250	1.72	0.64	0.95
1	25.40	1.56	39.62	250	1.72	0.77	1.15
1-1/4	31.75	1.75	44.45	250	1.72	1.06	1.58
1-1/2	38.10	2.00	50.80	250	1.72	1.42	2.11
2	50.80	2.50	63.50	250	1.72	1.71	2.54

Couplings - Contact D.F. Burnham for proper fitting recommendation.



# Flexsteel® 250 ORS Steam



### Application

Used for cleaning, heat control, fire prevention, pumping, thawing, blowout service, steam pumps, and hoists in open-end or permanent installation operations. It is used in refineries, shipyards, chemical plants, steel mills, foundries, and heavy industrial applications where the cover is subjected to oil, grease, or animal fats.

### Construction

- Tube:** Pyrosyn® synthetic rubber
- Cover:** Black or Red Hysunite® synthetic RMA Clas B (medium/high oil resistance), smooth finish, pin pricked
- Reinforcement:** Braided steel wire (3/4" and 1" have 2 steel wire braids)

### Temperature

-0°F to 425°F (-18°C to 218°C)

### Packaging

Reels or 50' cut lengths (1/2"-4 per box, 3/4"-3 per box, 1"-2 per box)

**Colors Available**

539-098

Black

539-109

Red

NOM. ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
1/2	12.70	1.06	26.92	250	1.72	0.40	0.60
3/4	19.05	1.28	32.51	250	1.72	0.49	0.73
1	25.40	1.63	41.40	250	1.72	0.78	1.16

Couplings - Contact D.F. Burnham for proper fitting recommendation.

**Industrial Hose**

# Goodyear 250 Crimped Steam Assembly



### Application

Used for cleaning, heat control, fire prevention, pumping, thawing, blow-out service, steam pumps, and hoists in open-end or permanent installation service. It is used in refineries, shipyards, chemical plants, steel mills, foundries, and heavy industrial applications where high strength is required and where severe environmental conditions are encountered.

### Construction

- Tube:** Black Pyrosyn® synthetic rubber
- Cover:** Black or Red Pyrosyn® synthetic rubber (smooth finish, pin-pricked)
- Reinforcement:** Braided (2) steel wire

### Temperature

-0°F to 425°F (-18°C to 218°C)

### Packaging

25' cut lengths-3 per box, 50' lengths-2 per box, 100' lengths-1 per box

**Colors Available**  
Black  
Red

Part #	NOM. ID		NOM. OD		MAX. WP		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
12-539-270BK25	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
12-539-270BK50	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
12-539-270BK100	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
16-539-270BK25	1	25.40	1.63	41.40	250	1.72	0.91	1.35
16-539-270BK50	1	25.40	1.63	41.40	250	1.72	0.91	1.35
16-539-270BK100	1	25.40	1.63	41.40	250	1.72	0.91	1.35

**Colors Available**  
Black  
Red

Part #	NOM. ID		NOM. OD		MAX. WP		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
12-539-276RD25	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
12-539-276RD50	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
12-539-276RD100	3/4	19.05	1.28	32.51	250	1.72	0.62	0.92
16-539-276RD25	1	25.40	1.63	41.40	250	1.72	0.91	1.35
16-539-276RD50	1	25.40	1.63	41.40	250	1.72	0.91	1.35
16-539-276RD100	1	25.40	1.63	41.40	250	1.72	0.91	1.35

**Note:** Sold as factory crimped assemblies only. Coupling components not available individually. Spring guards not available. Double spuds available upon request.

Couplings - Contact D.F. Burnham for proper fitting recommendation.



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