

Flexsteel® 250 Steam



Product Specifications

Application

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 finish, pin-pricked

Reinforcement

Braided steel wire (3/4" and 1" have 2 steel wire braids)

Temperature Range

-40°F to 450°F (-40°C to 232°C)

Packaging

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

Branding

Example: Continental ContiTech Flexsteel® 250 Steam Max WP 250 psi. Made in U.S.A.

Couplings

See Continental ContiTech Hose Assembly Manual for most current crimp solutions.

Order Codes

- 539-070 (black)
- 539-076 (red)
- 539-470 (black wrapped)
- 539-476 (red wrapped)

Flexsteel® 250 Steam

SAP #		ID		Nom. OD		Max. WP		Weight			
Black	Red	Black Wrapped	Red Wrapped	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20023390	20136859	20575082	20767531	1/2	12.7	1.06	26.9	250	1.72	0.45	0.67
20023401	20023462	20757055	20757277	3/4	19.1	1.28	32.5	250	1.72	0.56	0.83
20023419	20024994	20760526	20590425	1	25.4	1.63	41.4	250	1.72	0.91	1.35
		20615488	20620044	1¼	31.8	1.88	47.8	250	1.72	1.02	1.52
		20575082	20620048	1½	38.1	2.12	53.8	250	1.72	1.23	1.830
		20617154	20620060	2	50.8	2.70	68.6	250	1.72	1.79	2.66

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

LPG Delivery

Water
Discharge
Suction & Discharge
Washdown

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® 250 EPDM-20



Product Specifications

Application

The Flexsteel® 250 EPDM-20 features the superior performance of Flexsteel 250 Steam hose series enhanced with the increased safety factor of 20:1. This exceeds the RMA safety standard and makes steam operations more secure and user friendly. The hose has a maximum operating pressure of 250 psi with a temperature range of -40°F to 450°F.

Construction Tube

Pyrosyn® synthetic rubber

Cover

Red Wrapped Pyrosyn®, pin-pricked

Reinforcement

Braided steel wire (3/4" and larger have 2 steel wire braids)

Temperature Range

-40°F to 450°F (-40–C to 232°C)

Flexsteel® 250 EPDM-20

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20559161	3/4	19.1	1.28	32.5	250	1.72	0.59	0.83
20736602	1	25.4	1.63	41.4	250	1.72	0.95	1.43

Packaging

Bulk, cut lengths, coupled assemblies

Branding

Example: Continental ContiTech Flexsteel® 250 EPDM-20 Steam 250 psi. Made in U.S.A.

Couplings

See Continental ContiTech Hose Assembly Manual for most current crimp solutions.

Order Codes

539-486

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

LPG Delivery

Water
Discharge
Suction & Discharge
Washdown

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® 250 CB Steam



Product Specifications

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 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 Range

-40°F to 425°F (-40°C to 218°C)

Packaging

Wrapped cover:
 1/2" - Four 50' exact length/box
 3/4"-1" - Three 50' exact length/box
 1¼"-2" - One 50' exact length/box

Branding

Example: Continental ContiTech Flexsteel® 250 CB Steam
 Max WP 250 psi. Made in U.S.A.

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Flexsteel® 250 CB Steam WF - Wrapped Finish

Order Codes: 1/2"-1" 539-176 (red) 1¼"-2" 581-176 (red) 1/2"-1" 539-170 (black)

SAP #	ID		Nom. OD		Max. WP		Weight			
	Red	Black	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20050829			1/2	12.7	1.00	25.4	250	1.72	0.40	0.60
20024094	20050195		3/4	19.1	1.31	33.3	250	1.72	0.64	0.95
20045991			1	25.4	1.56	39.6	250	1.72	0.77	1.15
20045770			1¼	31.8	1.75	44.5	250	1.72	1.06	1.58
20046224			1½	38.1	2.00	50.8	250	1.72	1.42	2.11
20046225			2	50.8	2.50	63.5	250	1.72	1.71	2.54

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

LPG Delivery

Water

Discharge

Suction & Discharge

Washdown

Welding

Coupling Systems

Equipment

Appendix

Flexsteel® 250 CB Extreme Crimp Steam Hose



Product Specifications

Application

ContiTech is pleased to announce the Flexsteel® 250 CB Extreme Crimp Steam Hose, the only ContiTech chlorobutyl steam hose with an enhanced over-the-cover crimp coupling solution. The hose is rated to a maximum operating pressure of 250 psi, and its temperature range is -40°F to 425°F (-40°C to 218°C), up to 450°F intermittent, with a 10:1 safety factor. And it is the only ContiTech chlorobutyl steam hose with a crimp solution.

Construction Tube

Chlorobutyl synthetic rubber

Cover

Red or black Pyrosyn®, pin-pricked

Temperature Range

-40°F to 425°F (-40°C to 218°C), up to 450°F intermittent

Packaging

Reels, cut lengths and coupled assemblies

Branding

Example: Continental ContiTech Flexsteel® 250 CB Extreme Crimp Steam. Drain after using. Made in U.S.A.

Material Code

539-870-024 (black)

539-876-024 (red)

Flexsteel 250 CB Extreme Crimp Steam Hose

SAP #		ID		OD		Max. WP		Weight	
Black	Red	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20637404	20645689	3/4	19.1	1.28	32.5	250	1.72	250	1.72

Hose ID	Cambell Ground Joint Viton Sea Setting Low Profile Nut	Cambell Ground Joint Viton Seal Female NPT Spud Wing Nut	Cambell Male NPT	Cambell Male Male NPT Swivel	Crimp Diameter	Die Set	Approx. Setting
3/4	RGJF-3V	GJF-3V	IMS-3V	IMS-3VSW	1.43	36	0.32

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

LPG Delivery

Water
Discharge
Suction & Discharge
Washdown

Welding

Coupling Systems

Equipment

Appendix