



Industrial Hose

2014 Crimped Steam Hose Program



A leaky steam hose can “hiss away” 2.6 lbs. of steam per minute... annually, that can really add up!

That's why Continental ContiTech has developed a Crimped Steam Hose Program. The program combines our premium steam hose with couplings specifically designed for steam assemblies that reduce leaks, reduce electrostatic discharges and cut costs.

A single leaky coupling

Steam Loss	Cost	Day	Week	Month	Steam Season
2.6 lbs./min	\$11/1,000 lbs. steam	\$41	\$287	\$1,250	\$6,200

*Approximate loss for 5-month steam season courtesy of CampbellFittings.com

Premium Steam Hose and Fittings

Our steam hose is the premium hose choice for multiple steam applications, such as cleaning, heat control, fire prevention, pumping, thawing, blow-out service, steam pumps and hoists in open-end or permanent installation operations.

Flexsteel® 250



Construction Tube: Pyrosyn® synthetic rubber
Cover: Black or red Pyrosyn smooth finish, pin-pricked
Reinforcement: Braided (2) wire
Temperature Range: -40°F to 450°F (-18°C to 232°C)

Flexsteel 250 CB Extreme Crimp Steam



Construction Tube: Chlorobutyl synthetic rubber
Cover: Black or red wrapped Pyrosyn®, pin-pricked
Reinforcement: Braided (2) wire
Temperature Range: -40°F to 450°F (-40°C to 232°C)

Flexsteel® 250 EPOM 20



Construction Tube: Pyrosyn synthetic rubber
Cover: Red wrapped Pyrosyn, pin-pricked
Reinforcement: Braided (2) wire
Temperature Range: -40°F to 450°F (-40°C to 232°C)

From the wide variety of industrial hose we offer to fittings and accessories, we have the solutions to enhance your organization's material transfer performance.

Specifications tables

Hose Description	Nominal ID		Nominal OD		Maximum WP		Weight	
	in.	mm	in.	mm	psi	mPa	lb./ft.	kg/m
Flexsteel 250 Steam	3/4	19.1	1.28	32.50	250	1.72	0.55	0.82
Flexsteel 250 Steam	1	25.4	1.63	41.40	250	1.72	0.91	1.35
Flexsteel 250 EPDM-20	3/4	19.1	1.28	32.50	250	1.72	0.59	0.83
Flexsteel 250 CB Extreme Crimp Steam	3/4	19.1	1.31	33.27	250	1.72	0.68	1.01

Even the best-designed steam hose is only as good as its coupling

Clamps that need periodic re-tightening may still cause costly leaks and potential hazards, but with our crimped steam hose program, you no longer spend maintenance time tightening bolts. You get a tight crimp that reduces leaks.

- › Coupling is crimped permanently onto hose; this eliminates bulky bolt clamps and reduces potential for injury or damage from clamps snagging on personnel or property
- › Ferrule “bites” into reinforcement wire in hose achieving electrical continuity to reduce the occurrence of static discharges and shocks
- › Crimp coupling is a permanent attachment, which reduces potential for leaks and blow-outs



Female Wing Nut



Female Wing Nut w/Female NPT Spud



Male NPT Swivel Available as Male NPT



Female Low Profile Nut w/Female NPT Spud

Recommended over-the-cover crimp diameters for Continental ContiTech branded steam hose

Hose Description	Hose Product Code	Hose ID	Femal Ground Joint Low Profile Nut	Female Ground Joint Wing Nut	Male Npt	Male Npt Swivel	Female Spud	Crimp Dia.	Perma-Crimp™ Die Set / Approx. Setting
Flexsteel 250 Steam (Black, Red)	539-070-024 539-076-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	GFS-3	1.440"	34 2.6
Flexsteel 250 Steam (Black)	539-070-032	1"	RGJS-4V	GJS-4V	IMS-4V	IMS-4VSW	GFS-4	1.925"	45 3.9
Flexsteel 250 EPDM-20 (Red)	539-486-024	3/4"	RGJF-3V	GJF-3V	IMS-3V	IMS-3VSW	GFS-3	1.420"	34 2.07
Flexsteel 250 CB Extreme Crimp Steam (Black, Red)	539-870-024 539-876-024	3/4"	RGJF-3V	GJF-3V	IMS-3V	IMS-3VSW	GFS-3	1.430"	34 2.32

Recommended skive crimp diameter for 1" red steam hose

Hose Description	Hose Product Code	Hose ID	Campbell Male NPT Stem	Campbell Female Ground Joint Stem	Campbell Wing Nut	Campbell Ferrule	Crimp Dia.	Die Set	Approx. Setting	Skive Length
Flexsteel 250 Steam (Red)	539-076-032	1"	IMS-4G	GJS-4G NS	GN-3-IMP	SCF-4G	1.66"	39	3.16	1.50"

Contact Campbell Fittings to purchase crimp-on steam hose fittings. The fitting part numbers are Campbell Fitting part numbers.

Note: Fittings have NPT threads. The tolerance for the crimp diameters is +/- .005". Crimp the full length of the ferrule. The recommended crimp diameters are listed in the table above. Assemblies must meet the electrical resistance test requirements as specified in section 5.5 of the NAHAD Hose Assembly Guidelines or as specified in the RMA Hose Tech Bulletin IP-11-1.

ContiTech



Contact

ContiTech AG
NAFTA Headquarters
703 S. Cleveland Massillon Road
Fairlawn, OH 44333-3023 U.S.A.
1-800-235-4632

Canada

1-888-275-4397
FAX 1-888-464-4397

Mexico

1-800-439-7373
FAX 1-800-062-0918

Germany

+49 (0)511 938 02
mailservice@contitech.de

www.contitech.us

ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.