

Continental 
The Future in Motion



Industrial Hose

Crimped Steam Hose Program

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

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

A single leaky coupling

Steam Loss*	Cost	Day	Week	Month	Steam Season
2.6 lb./min.	\$11/1,000 lb. 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 of 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 EPDM 20



Construction Tube:
Pyrosyn® synthetic rubber
Cover: Black/red Pyrosyn®, smooth or red-wrapped finish, pin-pricked
Reinforcement: Braided (2) wire
Temperature Range:
-40°F to 450°F (-40°C to 232°C)
20:1 safety factor

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 425°F (-40°C to 218°C)
10:1 safety factor

Flexsteel® 250 ORS



Construction Tube:
Black EPDM
Cover: Black wrapped oil-resistant synthetic rubber, ARPM Class B (Medium Oil Resistance), pin-pricked
Reinforcement: Braided (2) wire
Temperature Range:
0°F to 425°F (-18°C to 218°C)
10:1 safety factor

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

SEE OUR *DON'T LOSE YOUR STEAM*
CRIMPED STEAM HOSE
VIDEO ON YOUTUBE

You'll see how it eliminates leaks, saves money and improves safety. Scan the QR code to learn more.



Specifications table

Hose Description	Nominal ID		Nominal OD		Maximum WP		Weight	
	in.	mm	in.	mm	psi	mPa	lb./ft.	kg/m
Flexsteel 250 Steam	1/2	12.7	1.06	26.90	250	1.72	0.45	0.67
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 Steam	1 1/2	38.1	2.12	53.8	250	1.72	1.23	1.83
Flexsteel 250 EPDM-20	1/2	12.7	1.09	26.9	250	1.72	0.45	0.67
Flexsteel 250 EPDM-20	3/4	19.1	1.28	32.50	250	1.72	0.59	0.83
Flexsteel 250 EPDM-20	1	25.4	1.63	41.40	250	1.72	0.95	1.43
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 retightening may still cause costly leaks and potential hazards, but with our crimped steam hose program, you will no longer spend maintenance time tightening bolts. You'll 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



Ground Joint Wing Nut



Ground Joint Wing Nut w/ Female NPT Spud



Male NPT Swivel - Available as Male NPT



Ground Joint Low Profile Nut w/ Female NPT Spud

Recommended Crimp Diameters for Continental Branded Steam Hose

Hose Description	Hose Order Code	Hose ID	Female Ground Joint Low Profile Unit	Female Ground Joint Wing Nut	Male NPT	Male NPT Swivel	Crimp Dia.	Continental Perma-Crimp	
								Die Set	Approx. Setting
Flexsteel 250 (Red Wrapped)	539-476-016	1/2"	NA	GJS-2V	IMS-2V	NA	1.22"	27	3.99
Flexsteel 250 (Black and Red Smooth)	539-070-024 539-076-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.44"	34	2.58
Flexsteel 250 (Black and Red wrapped)	539-470-024 539-476-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.44"	34	2.58
Flexsteel 250 (Black and Red Smooth)	539-070-032 539-076-032	1"	RGJS-4V	GJS-4V	IMS-4V	IMS-4VSW	1.93"	45	3.90
Flexsteel 250 (Black and Red Wrapped)	539-470-032 539-476-032	1"	RGJS-4V	GJS-4V	IMS-4V	IMS-4VSW	1.90"	45	3.26
Flexsteel 250 (Red Wrapped)	539-476-048	1 1/2"	NA	GJS-6V	IMS-6V	NA	2.38"	56	4.33
Flexsteel 250 (Black and Red Wrapped)	559-201-510 559-202-510	2"	RGJS-8V	GJS-8V	IMS-8V	NA	2.92"	74	0.17
Flexsteel 250 EPDM20 (Black and Red Smooth)	539-970-016 539-976-016	1/2"	RGJS-2V	GJS-2V	IMS-2V	NA	1.22"	27	3.99
Flexsteel 250 EPDM20 (Black and Red Smooth)	539-970-024 539-976-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.44"	34	2.58
Flexsteel 250 EPDM20 (Black and Red Smooth)	539-970-032 539-976-032	1"	RGJS-4CV	GJS-4CV	IMS-4CV	IMS-4CVSW	1.90"	45	3.26
Flexsteel 250 EPDM20 (Red Wrapped)	539-486-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.42"	34	2.07
Flexsteel 250 CB Extreme (Black and Red Wrapped)	539-870-024 539-876-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.43"	34	2.32
Flexsteel 250 ORS Wrapped (Black)	539-098-024	3/4"	RGJS-3V	GJS-3V	IMS-3V	IMS-3VSW	1.43"	34	2.32

Contact

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