



# DRAGON BREATH® 250

## Oil Resistant Steam Hose

### Series 7288

Series 7288 is a traditional oil resistant hose designed for long-lasting steam service, one of the toughest applications for hose, where the hot/cold wet/dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The red chloroprene cover is resistant to weathering and oil—an important criteria for oil refineries and petrochemical plants—and provides color-coded identification.

- Tube:** Black EPDM
- Reinforcement:** Multiple wire braids
- Cover:** ARPM Class B oil resistant red chloroprene; perforated wrapped finish
- Temp. Range:** -20°F to +406°F saturated steam/+450°F superheated steam (-29°C to +208°C saturated steam/+232°C superheated steam)
- Brand Method:** Embossed
- Brand Example:** PARKER SERIES 7288 DRAGON BREATH® STEAM HOSE 250 PSI MAX WP OIL RESISTANT MADE IN USA (DATE CODE)
- Design Factor:** 10:1
- Industry Standards:** ARPM Class B oil resistant cover
- Applications:**
  - Saturated and superheated steam
  - Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
  - Manufacturing and processing plants, refineries
- Vacuum:** Not recommended
- Compare to:** Boston Concord 250 OR; Gates 232MB Steam Queen; Thermoid Burstproof Oil Resistant; Veyance Flexsteel 250 ORS
- Packaging:** Cartons; Reels

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)
7288-502	1/2	12.7	2	1.031	26.2	0.52	0.24	7.0	177.8	250	17.2	43	50
7288-752	3/4	19.1	2	1.343	34.1	0.73	0.33	9.5	241.3	250	17.2	CS, 43	50
7288-1002	1	25.4	2	1.594	40.5	0.90	0.41	12.0	304.8	250	17.2	CS, 43	50

#### ⚠ WARNINGS!

- ▶ Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, "Guide for Use, Testing and Inspection of Steam Hose."
- ▶ Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- ▶ Use only hoses designated for steam service for steam applications.
- ▶ Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- ▶ Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- ▶ Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.