



Twin Sensing Hose

Yellow / Green

Series 7140

Series 7140 is a flexible air hose for aircraft fueling systems that incorporate in-ground hydrants commonly found at large metropolitan airports. Twin sensing hose operates between the vehicle dispenser control system and the hydrant coupler/control valve, supplying data to monitor the flow and pressure of fuel being pumped into the aircraft. Series 7140 hose lines are chemically bonded to prevent separation and maximize flexibility, and the distinctive yellow/green covers provide color-coded identification. The hose features a nitrile tube that is resistant to oil and a chloroprene cover that is resistant to oil and weathering.

- Tube:** Black nitrile
- Reinforcement:** Multiple textile plies
- Cover:** Yellow and green chloroprene; smooth finish
- Temp. Range:** -30°F to +200°F (-34°C to +93°C)
- Brand Method:** White ink on green hose
- Brand Example:** PARKER SERIES 7140 TWIN SENSING HOSE 3/8 ID
250 PSI MAX WP MADE IN USA (DATE CODE)
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:** Air hose incorporated in pneumatic closed-circuit control and data systems associated with aircraft refueling operations
- Vacuum:** Not rated
- Compare to:** Carter 64407; Veyance Refueling Sensing
- Packaging:** Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	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)	Stock Status **
7140-381	3/8	9.5	2	0.656	16.7	0.29	0.13	3.0	76.2	250	17.2	HY	700	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! 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](#).