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
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; ContiTech Refueling Sensing

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller.

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7140-381	3/8	9.5	2	0.7	16.7	0.29	0.43	3	76	250	17	700	Reel

WARNING: This product can expose you to chemicals including DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

⚠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.