Air-Line Respirator Accessories

Approved Air-Supply Hose

Air-Supply Hose Temperature Ranges

Neoprene	*PVC*	*Nylon*
-25° to 212°F	32° to 120°F	0° to 160°F

MSA 3/8-inch ID Air-Supply Hose is available in smooth, reinforced, lightweight polyvinylchloride (PVC); chemical-resistant black neoprene; or smooth, coiled nylon. Must be used with respirators in this section to maintain NIOSH certifications. Quick-Disconnects are sold separately (see p. 42).

Air-Supply Hose

Material	Hose Coupling	100ft	50ft	25ft	15ft	8ft
Neoprene	Brass	—	455022	455021	455020	481071
Neoprene	Stainless Steel	—	481080	481079	481078	481077
PVC	Brass	484225	471513	471512	471511	481051
PVC	Stainless Steel	—	481060	481059	481058	481057
Coiled Nylon	Brass	—	474043*	491515*	491514*	491513*
Hose Reel - 50 feet (includes 50 ft of 3/8" neoprene hose P/N 455022)						72444

* Recommended usable length, 4-25 ft.

Cascade System Accessories

The following components are used to assemble a 2400 psi cascade system, which consists of a bank of respirable-air cylinders (user-supplied) that supply a flow of air to dual-purpose air masks, or other pressure-demand air-supplied respirators. Air-supply hoses are listed separately at right.

Cascade System Accessories

Audi-Larm™ Warning Device, low-pressure (CGA 346), 0–3000 psig	85078
Audi-Larm™ Warning Device, high-pressure (CGA 347), 0–5500 psig	492307
Air Coupler Tee – low-pressure CGA 346, 0–3000 psig	68850
Air Pigtail – low-pressure CGA 346, 0–3000 psig	68851
Air Cylinder Pressure Regulator, dual-gauge, 0-3000 psig	68858
High-Pressure Air Cylinder Regulator, dual-gauge, 0-5500 psig	633352
Male Air-supply Hose Adapter for Foster Quick-Disconnects (for PVC hose)	55716
Union Adapter (required to attach male plug)	69542

Breathing Air Distribution System

This system filters, regulates and distributes plant air to as many as four air-line respirator users. A sealed, rugged, stainless steel case prevents contamination of interior components. External controls allow water condensation to be drained from the filter bowl and the manifold pressure to be adjusted. Caution: The system does not remove carbon monoxide. Only Grade D quality air should be used as input.

Breathing Air Distribution System

Breathing Air Distribution System, less quick-disconnects (must be ordered separately)	488113
"Toolbox" Carrying Handle Bar	488118

Portable Air Filter and Regulator ("Black Box")

This system contains an airline filter, pressure regulator and a 4-outlet manifold in a lightweight aluminum case. For use with inlet pressures up to 125 psig. The outlet pressure is adjustable from 10 to 125 psig. The manifold comes with Snap-Tite (AL) quick-disconnects.

Portable Air Filter and Regulator

Portable Air Filter and Regulator	92760

Manifolds

Required when using multiple (2–4) respirators from a single air source; some of these manifolds have quick-disconnect assemblies with automatic shut-off outlets. Note: Gauge required when greater than 10' between airline point of connection and the regulator.

Manifolds

No. of Outlets	Foster Quick-Disconnect	less Quick Disconnect
4	47370	488914
2	84416	84418

Inlet Pressure Gauge

MSA offers an inlet pressure gauge that enables a user to check pressure at the inlet of the MSA Air-Supply Hose, thereby assuring that air pressure is within the certified range. The gauge is supplied with Quick-Disconnect fittings.

Inlet Pressure Gauge

Inlet Pressure Gauge w/ Snap-Tite fitting	476734
Inlet Pressure Gauge w/ Foster or Schrader fitting	476735
Inlet Pressure Gauge w/ Duff-Norton fitting	476736
Inlet Pressure Gauge w/ Hansen fitting	476737
Inlet Pressure Gauge less Quick-Disconnect**	492586

**See Column 4 plug and Column 3 union on page 40.

Air-line Filter

The MSA air-line filter removes a minimum of 99% of 0.3 micron and larger particulates, including dusts, mists, fumes, smoke, and petroleum vapors. Caution: It does not remove carbon monoxide. The air-line filter can be used at inlet pressures up to 125 psig. The pressure drop is one psig at a maximum rated air flow of 25 cfm.

Air-Line FIlter

Air-line Filter - with 1/2" NPT female inlet and outlet	81857
Air-line Filter - with 3/4"-16 straight threads	488041
Replacement Filter Kit	484923