



CC20 Continuous Flow Airline Respirator Bid Specifications

Respirator Type **Continuous flow supplied air respirator**

Approvals The respirator shall meet the Code of Federal Regulations (42 CFR 84) requirement for Type C continuous-flow class supplied air respirators. It shall be approved and certified by the National Institute for Occupational Safety and Health (NIOSH).

Headpiece **The headpiece shall:**
Be available in a variety of styles and in two Tyvek based materials; Tyvek® QC and Tychem® SL;

- Be a hood style designed to accommodate bearded workers, approved safety glasses, and hearing protection as required;
- Include a large field of vision acetate window (105 square inches);
- Provide a choice of standard or ratchet style adjustable headband suspensions and when head protection is required, accommodate a hard hat that meets ANSI Standard Z89.1-1997, Type I, Class G and E requirements for protective headwear;
- Incorporate a patented air delivery system with an air inlet situated at the back of the head that inflates an internal air trough to form the neck seal of the respirator;
- Incorporate an air entry sleeve with a sewn in, plastic, breathing tube anchor-plate to help eliminate airflow restriction.

Breathing Tube Assembly **The breathing tube assembly shall:**

- Be coil-reinforced to prevent crushing and kinking that may restrict airflow;
- Include an adjustable or non-adjustable flow control device for controlling airflow into the respirator;
- Accept NIOSH approved climate control options to change air temperature by up to 30° F;
- Be approved and available with 1/2" industrial interchange (Hansen compatible) quick disconnect nipples for use with ambient breathing air pumps or a choice of eight, 1/4" quick disconnect nipples for use with compressed breathing air: industrial interchange (Hansen compatible) in steel or stainless steel, Snap-Tite in steel, brass or stainless steel, Schrader, Cejn or Bayonet.

Airline Supply Hose **The airline supply hose assembly shall:**

- Be manufactured specifically to carry breathing air and be made of either EPDM reinforced rubber in 3/8" or 1/2" I.D. or coiled nylon in 3/8" I.D.;
- Offer a choice of approved quick disconnect couplers compatible with breathing tube fittings: 1/2" industrial interchange (Hansen compatible) coupler or a choice of eight, 1/4" couplers: industrial interchange (Hansen compatible) in steel or stainless steel, Snap-Tite in steel, brass or stainless steel, Schrader, Cejn or Bayonet.

Warranty CC20 Continuous Flow respirators are warranted to be free from defects in materials and workmanship for one year from the original date of purchase. Parts under warranty that are deemed defective will be repaired or replaced at Bullard's option. To maintain this warranty, the product must be used, maintained and inspected as prescribed in the owner's instruction manual, including prompt replacement or repair of defective parts.

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