



SPECIFICATIONS

Product Description: **RESPIRATOR, SUPPLIED AIR SHIELD/HELMET**
Part Number: **9904 SERIES**
Style: **DELUXE**

GENERAL DESCRIPTION:

Helmet: The ultimate Personal Protective Equipment (PPE) solution for industrial manufacturing environments that demand respiratory protection. Our Deluxe Supplied Air Shield/Helmet uniquely provides all-in-one head, eye, face and respiratory protection against hazardous airborne contaminants and flying debris. Ergonomically designed with superb balance, no fit testing required and can be worn by personnel with beards and facial hair. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. **NIOSH approved**

System: Allegro's Deluxe Supplied Air Shield uniquely provides all-in-one head, eye, face and respiratory protection against hazardous airborne contaminants and flying debris. It delivers a constant and plentiful supply of clean purified air. Allegro's superbly balanced Deluxe Supplied Air Shield System is offered as a complete system for one or two workers. They include one or two shields, 3/4 hp or 1 1/2 hp ambient air pump and 50 feet of breathing hose. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. **NIOSH approved**



PROTECTION FACTOR:

A Certified 3rd Party Testing Lab was contracted to conduct a Simulated Work Place Protection Factor Study on the 9904 Series Respirator. The results of this study indicated that 9904 samples tested yielded 5th percentile protection factors greater than 1,000 thus allowing Allegro to claim that the 9904 Series Respirator qualifies for an APF of 1000 as permitted by OSHA*.

**Per OSHA Assigned Protection Factor, Federal Register Notice 71:50121-50192, Dated 8/24/2006. Supporting test data is available upon request from Allegro Industries.*

AIR SHIELD/HELMET:

- NIOSH approved
- Head protection: ANSI Z89.1 Type 1 Class G
- Made of ABS
- Low profile and lightweight (3.140 lbs)
- Quick release suspension for easy cleaning
- Made in USA

LENS (SHIELD):

- Eye Protection: ANSI Z87.1-2003
- Protection Factor: APF 1000
- Made of anti-fog polycarbonate
- Viewing area: 15" X 6.75"

NECK CAPE:

- Made of Stedprene (a fire retardant, polyurethane coated poly cotton fabric)
- Added comfort
- Protects user's neck from falling debris

DOWNTUBE & FLOW CONTROLLERS:

- Corrugated flexible and lightweight glass-filled nylon for greater comfort and less fatigue
- Easily interchangeable to Low Pressure or High Pressure. Four options available: Low Pressure Flow Adapter (P/N 9910-11) (10-43 psi), High Pressure Flow Control Valve (P/N 9992) (25-46 psi), Personal Cooler (P/N 9991) (72-98 psi), Air Temperature Controller (P/N 9990) (90-120 psi)
- Made of PU-FR (Flame Retardant Polyurethane) with an ABS Helix. UL94 listed.
- Low profile nylon adjustable waist belt



9910-11
9904-D



9992
9904-CV



9991
9904-C



9990
9904-HC

AVAILABLE:

PN	Description
<i>Helmets</i>	
9904	Deluxe Supplied Air Shield/Helmet
9904-D	Deluxe Supplied Air Shield/Helmet w/LP Adapter
9904-CV	Deluxe Supplied Air Shield/Helmet w/HP Flow Control Valve
9904-C	Deluxe Supplied Air Shield/Helmet w/HP Personal Air Cooler
9904-HC	Deluxe Supplied Air Shield/Helmet w/HP Air Temperature Controller
<i>Systems</i>	
9247-01	One Worker System with 50' Hose (with 9821 pump, refer to 9821 spec sheet for more information)
9247-02	Two Worker System with 50' Hose (with 9832 pump, refer to 9832 spec sheet for more information)