

# SAFETY and FIRE EQUIPMENT – Auto-Darkening Filter Welding Helmet Systems – Respiratory

3M Welding  
**Speedglas**



**Keeps Out Smoke!** The revolutionary new Speedglas® 9002 series helmet features aerodynamically-designed exhaust vents proven to remove exhaled air without letting in welding smoke.

The build-up of carbon dioxide (CO2) is greatly reduced compared to traditional helmet designs. The welder's natural breathing action directs the exhaust airflow; no moving parts are involved. Fresh incoming air flows along a path of least resistance, the area around the welder's neck, which is typically further away from the smoke plume.

Helmet systems with built-in Respiratory Protection use positive pressure air flow to both supply freshly filtered air and for exhaust exhaled air.

**Manual and Auto-Off:** Press the On/Off button for 2 seconds, if you forget, it will automatically turn off (60 minutes after the last arc)

**Shade 3 Light State** (Shade 5 when off / fail)

**Five Welding Shade Selections** (9 through 13)

**Three Delay Settings** (adjusts for continuous or tack welding)

**Four Sensitivity Settings;** from low (when another welder's arc is nearby), to high (for TIG down to 1 amp)



**Choose Helmet Style & Lens Series**



**Basic Helmet w/9002X lens & standard ratchet headgear** (04-0012-21 shown)

Helmet w/  
**SideWindows™**  
Shade 5 Peripheral  
Vision option for all  
Helmet Styles



Helmet with **FlexView**  
Lift-Up Lens System



3.6" x 4.75" Clear  
Polycarbonate  
Faceshield



**ProTop Hard Hat**  
(No Brim) &  
Helmet Combo



**Adflo Powered Air Respirator & Helmet Combo**  
(Supplied with Helmet and complete stackable filter system, including He & Vapor Cartridge Filters, leather belt, hose, battery, and 3-hour charger)

LENS SERIES	9002V		9002X	
Viewing area	1.68" x 3.57"		2.13" x 4.09"	
Solar cell	No		Yes (Solar Assisted Battery)	
Battery life time (average)	1,500 hours		3,000 hours	
Description	Part No.	Price Ea.	Part No.	Price Ea.
Basic Helmet	04-0012-31	\$325.50	04-0012-21	\$424.50
Basic Helmet with SideWindows™	04-0012-31SW	\$346.75	04-0012-21SW	\$445.95
Basic Helmet with ProTop Hard Hat	04-0015-31	\$427.99	04-0015-21	\$535.15
Basic Helmet with SideWindows™ & ProTop Hard Hat	04-0015-31SW	\$462.82	04-0015-21SW	\$569.95
FlexView Helmet	04-0016-31	\$442.05	04-0016-21	\$547.85
FlexView Helmet & SideWindows™	04-0016-31SW	\$476.30	04-0016-21SW	\$582.79
FlexView Helmet with ProTop Hard Hat	04-1516-31	\$511.76	04-1516-21	\$617.95
FlexView Helmet with SideWindows™ & ProTop Hard Hat	04-1516-31SW	\$546.76	04-1516-21SW	\$651.95
Adflo respirator Helmet	15-3301-31	\$1,207.05	15-3301-21	\$1,381.90
Adflo respirator Helmet with SideWindows™	15-3301-31SW	\$1,295.45	15-3301-21SW	\$1,406.25
Adflo/FlexView respirator Helmet	16-3301-31	\$1,350.25	16-3301-21	\$1,461.05
Adflo/FlexView respirator Helmet with SideWindows™	16-3301-31SW	\$1,374.75	16-3301-21SW	\$1,485.40
Fresh-air II Helmet, supplied air w/regulated Cooling & Warming	14-5801-31	\$925.33	14-5801-21	\$1,030.84
Fresh-air II Helmet, supplied air w/regulated Cooling & Warming with SideWindows™	14-5801-31SW	\$948.75	14-5801-21SW	\$1,054.50
Fresh-air II Helmet, supplied air w/regulated Cooling & Warming with Slotted Hard Hat	14-5801-31H	\$1,008.90	14-5801-21H	\$1,114.33
Fresh-air II Helmet, supplied air w/regulated Cooling & Warming with SideWindows™ & Slotted Hard Hat	14-5801-31HSW	\$1,032.00	14-5801-21HSW	\$1,137.75

## WARNING

For proper use of these products read and follow user instructions and warnings on the package. An on-site safety specialist or industrial hygienist must make final determination of respirator applicability and filter selection.



**Fresh-air II** (Supplied Air) Helmet with Temp-air control, allows ± 45°F regulation from the supplied air temperature. For more supplied air parts see the 3M® respiratory pages of this catalog.

**Hard Hat Adapter**  
(Mounting Hardware)  
02-0014-00NR  
\$20.33 Set

Adapter to Connect Basic or FlexView (non-respiratory) Helmets onto Most brands of Hardhats (that have universal accessory slots)

## Replacement Headgear (Suspension) For Basic & FlexView

# 04-0650-00 Headgear \$17.50 Ea  
# 04-0026-00 S-Clip N/S \$13.25 Ea



## OUTSIDE COVER PLATES (Clear)

Standard #04-0270-00 \$2.75 Ea  
Scratch Resistant  
#04-0270-03 \$7.38 Ea  
High Heat  
#04-0270-04 \$5.50 Ea

## INSIDE COVER PLATE (Clear)

For 9000/9002V Series  
#04-0290-00 \$1.90 Ea  
For 9000/9002X Series  
#04-0280-00 \$1.95 Ea

**Protection Plate (Faceshield)**  
Clear for FlexView Systems  
#04-0260-00  
\$45.25 Per 10 Pack

## BATTERIES #04-0320-00

**\$12.30 PER 2-PACK**  
Carefully pry open battery compartments. Always replace both batteries at the same time. The compartments snap close.

\*expands welding protection against OV/SD/CL/HC (Organic, sulfur dioxide, chlorine, and hydrogen chloride) vapors

## STACKABLE FILTER COMPONENTS

**Cover**  
15-0099-99X06  
\$89.85 per 6-Pack

**Prefilter**  
15-0099-99X06  
\$89.85 per 6-Pack

**HE Particle Filter**  
15-0199-99X02  
\$99.98 per 2-Pack

**Vapor Cartridge\***  
15-0399-99X02  
\$134.94 per 2-Pack

**Brushless Motor**

**Leather Belt**

**Rechargeable Battery Pack**  
15-1099-07  
\$323.55 Ea

**NiMH Battery Pack**  
Charge lasts up to 10 hours with HE Filter (6 hours with additional Vapor Cartridge).