

The Art Of Welding

Welding Products Selection Guide

Helmets | PAPRs | Curtains | Blankets | Accessories



Welding Helmets

1 Year

Warranty

2 Years

Welders at all experience levels know the value and essential protection requirements of the right helmet and filter for the right job. That's why we provide a range of welding helmets and filters with features that are just right for you.

Follow the easy-to-use selection guide below to find the helmet and filter with features that best suit your needs, experience and budget.

Welding Helmet Selection Guide ADF - Digital with ADF - Analog with Balder* Technology Balder* Technology Best-quality ADFs offer high optical clarity and ADF - Digital High-performance ADFs premium solutions for professionals who need **Passive** Entry-level ADFs results and performance for professionals **Traditional passives** STATE-OF-THE-ART who need value for students, hobbyists **PERFORMANCE** and inspectors **STANDARD CLASSIC** Now with Balder* Technology! & Fire it up Code # 40714 Code # 14975 Code # 37191 Code # 30314 **HSL 100** Insight* **BH3*** TrueSight* II Shade 10 9-13 9-13 5-8.9-13 4 NA 4 3 Light State 4.50" X 5.25" 3.94" X 2.36" 3.80" X 2.70" 4.00" X 3.25" View Area Sensors NA 4 2 4 Grind NA Yes No Yes NA No Yes Torch Yes Optical Clarity NA 1/1/1/3 1/1/1/1 1/1/1/1 NA Analog Platform Digital Digital

5 Years



5 Years

Passive vs. Auto-Darkening Filter Helmets

Passive helmets offer great protection. Auto-Darkening Filters offer protection and productivity.

Both passive and Auto-Darkening Filter (ADF) welding helmets provide excellent eye protection.

Research shows that ADF helmets also offer impressive productivity gains, as well as greater user comfort.

According to a study¹ comparing the productivity of a passive and an ADF unit:

- 3% of a welder's day is spent lifting and nodding his/her helmet
- An ADF eliminates the need to "lift and nod" the helmet
- Use of an ADF will put \$500 per year, per welder, back in the company's pocket
- Use of an ADF can recapture 12 minutes per day in productivity per welder

¹ Productivity Claim for Welders Using an Auto Darkening Filter (ADF) Helmet Vs a Passive Helmet (Research Summary), Date: 7/29/2010, Authors: Cerita D. Bethea, Rick Zepp, Sandy Erreger, Martha Tate, Audra Wright

Our **Auto-Darkening Filter Productivity & Profitability Calculator** can show you just how much money you can save – and how much productivity you can gain – using our ADF welding helmets.

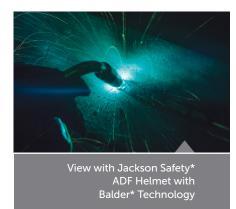
To find out, visit our calculator at: www.kcprofessional.com/weldingcalculator

Added Benefits of an ADF

- Increased accuracy because the welder can always see what he's doing, and start in exactly the right spot
- Increased comfort by eliminating the repetitive "lifting and nodding" that can cause neck strain
- Increased protection from injuries caused by welding, chipping or grinding in the proximate area
- Increased peace of mind because even if the ADF should not become active during an arc, it still protects eyes from serious damage
- Increased productivity by eliminating the time it takes to lift and nod the helmet before and after each weld

See the difference with Balder* Technology

BALDER* Technology has achieved the highest rating for optical quality and the best classification for "angular dependence." That means it gives the welder the flexibility to see clearly at many different angles. With new Jackson Safety* ADF Welding Helmets with Balder* Technology you get: A clear view from various angles which can reduce eye fatigue and the need to move, adjust and refocus, and superior optical quality that allows you to do your best work.







Jackson Safety* Auto-Darkening Filter (ADF) Warning

- Provides limited eye protection. Additional protective devices are required for full eye coverage and protection.
- . Should not be worn to protect from other hazards including, but not limited to, airborne dusts or mists, liquid splashes, impact hazards and sports activities.

The selection and use of welding personal protective equipment must be based on a hazard assembler of the wearer's work environment conducted by the wearer, or for an industrial environment, an appropriately trained individual for your employer or organization in accordance with OSHA regulations 29 CFR 1910.133 and ANSI Standard No. Z87.1. Make sure the ADF is installed properly into the helmet shell and is clean. If the ADF is scratched or damaged, do not use it and replace it with a new one. Do not use the ADF without the Jackson Safety' brand internal and external safety plates. To clean, wipe only with a soft cloth. Do not immerse ADF in liquids.

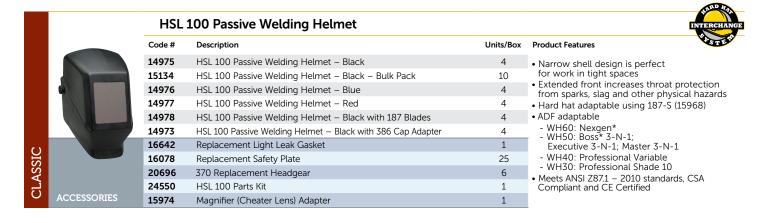


Jackson Safety* Welding Helmets



	CDALD CD*	BH3* Variable Auto-Darkening Filter - Analog with Balder* Technology							
	BALDER	Code #	Description	Units/Box	Product Features				
ANCE	TELINOLOGY.	37191	Variable shade (9-13), adjustal time delays Curved front cover plate offer reflections and fogging than the Aerodynamic shell designed future than the HSL-100		Enhanced visibility and color recognition Variable shade (9-13), adjustable sensitivity and opening time delays Curved front cover plate offers reduced heat build-up, reflections and fogging than the HSL-100 Aerodynamic shell designed for better fume deflection than the HSL-100 Smooth, rounded perimeter for increased comfort				
ERFORM		37248	BH3* DS Internal Safety Plate	10	Lightweight				
		37247	BH3* DS External Safety Plate	10	Auto-On ADF is always ready to weld				
		37245	BH3* DS Magnification Lens Holder	1	Meets ANSI Z87.1 High Impact 2010 standard CE Certified				
교	ACCESSORIES	20696	370 Replacement Headgear	6	DIN Plus Certified				

	O (I²) with Variable ADF	Insigh	t* Variable Auto-Darkening Filter - Digital		INTERC
		Code #	Description	Units/Box	Product Features
		40710	HSL 100 Welding Helmet with Insight Variable ADF - Black	2	Features variable shade 9-13
A TOTAL		40713	HLX 100 Welding Helmet with Insight* Variable ADF – Black	6	Sensitivity and delay adjustments
5 1	MCESON .	40714	HLX 100 Welding Helmet with Insight* Variable ADF – I ²	2	Compatible with HLX 100 and HSL 100 shell Meets ANSI Z87.1 – 2010 standards and
		40711	HLX 100 Welding Helmet with Insight* Variable ADF – Arc Angel	2	CSA Compliant
		40709	Insight* Variable ADF Cartridge	2	4 independent sensors
		41594	Insight* Clear Internal Safety Plate	10	Digital controls
ACCES	SORIES	41589	Insight* Clear Safety Plate Kit	10	



Airmax Elite* & Airmax* PAPRs

Protect yourself from the respiratory dangers of welding fumes and heat stress – without sacrificing visibility – with the Airmax Elite* PAPR from Jackson Safety*.

Airmay Elita* Dougrad Air Durifying Donirston (DADD)									
Airmax Elite* Powered Air Purifying Respirator (PAPR)									
Code No.	Description Airmax Elite* PAPR with BH3* Air headtop (5 year ADF warrant								
40839									
REPLACEM	MENT PARTS								
40840	Airmax Elite* BH3* Air Headtop complete with storage bag								
40880	Airmax Elite* Blower Unit Kit (blower unit, belt, breathing hose, air flow indicator, battery and charger)								
40885	BH3* Air Grand GDS ADF								
40884	BH3* Air Helmet Shell (includes cover plates and flexi-face seal)								
40887	BH3* Air Flexi Face Seal (2 pack)								
40882	BH3* Air 375 Headgear								
40881	BH3* Air Sweatband (2 pack)								
40879	Airmax Elite* Blower Unit (no battery)								
40878	Airmax Elite* HE Filter (6 pack)								
40876	Airmax Elite* Filter cover and spark arrestor mesh (2 pack)								
40877	Airmax Elite* PreFilter (10 pack)								
40864	Airmax Elite* Lithium Ion Battery								
40863	Airmax Elite* Battery charger								
40846	Airmax Elite* Breathing Hose with flame retardant cover								
40841	Airmax Elite* Waist Belt								

Airmax [*]	* Powered Air Purifying Respirator (PAPR)
Code No.	Description
12993	Airmax* PAPR with variable ADF
REPLACEM	MENT PARTS
13042	Blower Unit Complete (blower unit, belt, airflow indicator, breathing hose)
13039	Airmax* Welding Headpiece (with plenum)
13053	HE Filters (6pk)
13046	Battery Charger
13043	ADF Protective Plates (5 fronts, 2 backs)
13965	Face seals (3pk)
13051	Lithium Ion Battery – 8hr
13332	Blower Unit only
13044	Breathing Hose
13057	Waist Belt
33631	Headgear
33632	ADF Replacement Lens



Airmax Elite* Air Flow Indicator

41345



The Jackson Safety* Airmax* and Airmax Elite* PAPRs can help to provide necessary protection in accordance with OSHA guidelines regarding hexavalent chromium fumes. These fumes may be produced when welding on stainless steel and can cause serious respiratory issues

without proper protection.

Wilson* High Temperature Blankets & Rolls - ANSI/FM 4950 Certified

Protection from Hazardous Operations with High-Temperature Fabrics from Wilson*



Wilson* high-temperature fabrics protect equipment and employees working near hazardous operations such as flame cutting, welding, grinding and spraying. Available as blankets, hanging curtains or roll goods, Wilson* Fabrics are designed to withstand temperatures ranging from 600°F–2000°F.2 **All high-temperature fabrics meet minimum specification standards for flame resistance (NFPA-701).** Welding blankets are hemmed on all four sides using durable, heat-resistant thread and feature grommets in each corner and on 36" centers.

Wilson* Weld-O-Glass Fiberglass Blanket, Uncoated

Code#	Туре	Weight	Size	Color	Usage
36290	Blanket	18-Oz	6' x 6'	Beige	Light-Use Protection
36305	Blanket	18-Oz	6' x 8'	Beige	Light-Use Protection
36145	Roll Goods	18-Oz	60" x 50 Yards	Beige	Light-Use Protection
36323	Roll Goods	24-Oz	38" x 50 Yards	White	Medium to Heavy-Use

Product Features

- ANSI/ FM-4950 certified for use in vertical applications (1.4.3) with light-moderate exposures resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding; prevents sparks from escaping from a confined area
- Roll goods sold in 50-yard increments: minimum order is 1 roll or 50 yards

Wilson* Weld-O-Glass Fiberglass Blanket, Acrylic Coated



Code #	Type	Weight	Weight Size		Usage
36308	Blanket	24-Oz	6' x 8'	Yellow	Medium to Heavy-Use Protection

Product Features

 ANSI/ FM-4950 certified for use in vertical applications (1.4.3) with light-moderate exposures resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding; prevents sparks from escaping from a confined area

Wilson* Weld-O-Glass Fiberglass Blanket, Vermiculite Coated



Code #	Type	Weight	Size	Color	Usage
36318	Blanket	24-Oz	6' x 8'	Black	Medium to Heavy-Use Protection

Product Features

 ANSI/ FM-4950 certified for use in vertical applications (1.4.3) with light-moderate exposures resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding; prevents sparks from escaping from a confined area

Wilson* Weld-O-Glass Silica Blanket, Uncoated



Code #	Type	Weight	Size	Color	Usage
36291	Blanket	18-Oz	6' x 6'	Tan	Medium to Heavy-Use Protection
36306	Blanket	18-Oz	6' x 8'	Tan	Medium to Heavy-Use Protection
36165	Roll Goods	18-Oz	38" x 50 Yards	Tan	Medium to Heavy-Use

Product Features

- ANSI/ FM-4950 certified for use in vertical (1.4.3; 18-oz) or horizontal (1.4.2; 36-oz) applications with light-moderate exposures resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding; prevents sparks from escaping from a confined area
- \bullet Roll goods sold in 50-yard increments: minimum order is 1 roll or 50 yards

Wilson* Weld-O-Glass Fiberglass Blanket, Silicone Coated



Code #	Type	Weight	Size	Color	Usage
36173	Roll Goods	32-Oz	38" x 50 Yards	Red	Heavy-Use Protection
36174	Roll Goods	32-Oz	60" x 50 Yards	Red	Heavy-Use Protection

Product Features

- ANSI/ FM-4950 certified for use in vertical (1.4.3) applications with light-moderate exposures resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding; prevents sparks from escaping from a confined area
- Roll goods sold in 50-yard increments: minimum order is 1 roll or 50 yards

Wilson* Welding Curtains and Screens



Kimberly-Clark Professional* Welding Curtains and Screens are designed to address the challenges of employee safety and workplace productivity relative to a wide range of high-heat applications. Actual finished size on standard orders may vary 3" in height and width.

All Wilson* Welding Curtains meet or exceed California State Fire Marshall (CFM) requirements for flame resistance. These fabrics are not intended for use in lieu of visors, goggles, eyewear or welding helmets. Clear/colorless See-Thru Curtains available in 14-Mil and 40-Mil are not intended for welding or ultraviolet filtration.

- Transparent curtains feature secure side hemming done by an electronic welding process for added strength and durability
- Plastic grommets are placed 8" apart on one width side and 16" apart on both height sides providing improved wear and less possibility of separation
- Standard sizes, custom orders and roll goods are available

Wilson* 14-Mil See-Thru Welding Curtain



_	see Tha Welding Carlain									
	Code #	Туре	Туре	Size	Color	Material	Use with Product/Frame:			
	37601	Curtain	14-Mil	5' x 4'	Orange	Heavy Duty Vinyl	36335			
	36256	Curtain	14-Mil	5' x 8'	Orange	Heavy Duty Vinyl	36338, 37198			
	37606	Curtain	14-Mil	6' x 4'	Orange	Heavy Duty Vinyl	36335			
	36292	Curtain	14-Mil	6' x 6'	Orange	Heavy Duty Vinyl	36336			
	36307	Curtain	14-Mil	6' x 8'	Orange	Heavy Duty Vinyl	36338			
	36278	Curtain	14-Mil	6' x 10'	Orange	Heavy Duty Vinyl	36333, or custom			
	36312	Curtain	14-Mil	6' x 8'	Gold	Heavy Duty Vinyl	36338			
	36315	Curtain	14-Mil	6' x 8'	Green	Heavy Duty Vinyl	36338			
	37604	Curtain	14-Mil	5' x 4'	Plasma	Extra Dark, Heavy Duty Vinyl	36335			

Use with

Product Features:

- Heavy-duty vinyl designed to filter far/near ultraviolet radiation and blue light
- Grommeted and readyto-hang (tubing or framing not included)

Wilson* Stur-D-Screen¹ Frame



	Code #	Туре	Type	Size	Color	Material	Product/Frame:
	36335	Curtain Frame	Single Panel	6' x 4'	Black	Steel	37601, 37606, 37604
	36336	Curtain Frame	Single Panel	6' x 6'	Black	Steel	36292
	36338	Curtain Frame	Single Panel	6' x 8'	Black	Steel	36256, 36307, 36312, 36315

Product Features:

- Allows for a variety of configurations to fit multiple work environments
- Square 19-gauge steel tubing, bolted corner clamps and platform "T" legs reduce slipping and twisting of the unit
- enamel finish is rust and abrasion-resistant
- Package includes square steel frame, brackets, platform "T" legs, and lacing ties
- Pre-drilled for casters

Wilson* Modular Screen¹ Frame



Code #	Туре	Туре	Size	Color	Material	Use with Product/Frame:
37198	Curtain Frame	Adjustable	6' x 6' or 6' x 8'	Black	Steel	36256, 36292, 36307, 36312, 36315

Curtain sold separately

• 24" crossbar legs

Product Features:

Pre-drilled for casters

• The Modular Frame works with a variety of See-Thru and opaque curtains.

• Steel tubing, 7/8" outside diameter

Per OSHA recommendations, allow 1' clearance at floor for all framing configurations.

¹ Temperatures and applications are intended as a guideline only and not a guarantee of performance. Kimberly-Clark Professional* recommends the use of welding blankets in multiple layers to attain proper molten metal and radiant heat protection. It is the user's responsibility to monitor the activity and use of blankets/high-heat roll goods at all times

Contour Layout Systems and Electric Line

20664

Pre-Assembled Kits



Code No.	Old Code	Description
		Contour Worker Kit • #1 Contour Marker

3014807

#7 Centering Head

- Standard Radius Marker
- Square Soap Stone & Holder
- #8 Pro-Mag Level Lockable Metal Carrying Case

Cylindrical Pipe Markers





Code No.	Old Code	Description	Pipe Diameter
14771	3001874	#1 Contour Marker	1½" to 18" diameter
14775	3001879	#6 Centering Head	½" to 4" diameter

Burning Square & Guides



Code No.	Old Code	Description
14791	3001899	#28 Magnetic Burning Guide

Wrap-A-Round* Tools

Code No.	Old Code	Description	Color	Size	Pipe Diameter	
14752	3001858	Medium Wrap-A-Round*	Black	3.88" to 4'	3" to 6"	
14753	3001859	Large Wrap-A-Round*	Black	3.88" to 6'	3" to 10"	
14754	3001860	X-Large Wrap-A-Round*	Black	5" to 7'	4" to 12"	
14756	3001861	XX-Large Wrap-A-Round*	Black	5" to 9'	6" to 16"	
14758	3001863	X-Large Custom Wrap-A-Round*	Black	5" to Length Desired [†]	4" to 12"	

t Length desired available up to a maximum of 375'

Electrode Holders



Code No.	Old Code	Description	Body Alloy	Electrode Capacity	Cable Connection Capacity	Weight	Duty Cycle Rating	Units/ Case
14679	3001793	JH-1	Copper Alloy	3/16 inch	4 through 1/0	12 ounces	Medium Duty	24
14680	3001794	AW-C	Copper Alloy	1/4 inch	4 through 2/0	19 ounces	Medium Duty	24

Units/ Case | Duty Cycle Rating is the maximum |
24 | percentage of arc time |
(out of any 10-minute |
period) that a holder |
should be expected to |
perform comfortably.

Ground Clamps



Code No.	Old Code	Description	Jaw Opening	Cable Connection Cap.	Weight	Std. Pack
14731	3001835	GC-3	1% inch	1/0 and 2/0	23 oz.	24

Cable Connectors

Code No.	Old Code	Description	Cable Connection Type	Connection Half Connection Type	Cable Connection Capacity	Standard Pack	Units/Case
14733	3001840	Quick-Trik* QNB-2-BP	Single Dome-Nose	Camlock & Locking Bar	1/0 and 2/0	1 each Male & Female	6

To learn more, visit www.kcprofessional.com/products/welding

Kimberly-Clark warrants that its products (1) comply with K-C's standard specifications as of the delivery date to K-C's authorized distributors/direct purchasers and are warrantied for the following periods from end-user's date of purchase (verified by valid sales receipt) (a) five years for BALDER' Technology auto-darkening filters; (b) two years for all other auto-darkening filters; and (c) one year for powered air-purifying respirators; (2) comply with all K-C labeling representations; and (3) are manufactured in compliance with all applicable federal, state, and local laws in effect at the time and place of manufacture of the products. THIS WARRANTY IS IN ILEU OF ALL OTHER WARRANTES, EXPRESS OR IMPILED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. K-C is not liable for any kind of special, incidental, or consequential damages. K-C's liability for breach of contract, tort or other cause of action shall not exceed the product purchase price. Purchasers and users are deemed to have accepted the above warranty and limitation of liability, and cannot change the terms by werbal agreement or by any writing not signed by K-C. To the extent required by applicable law, K-C does not limit its liability for death/injury resulting from K-C's negligence. ®/*Irademarks of Kimberty-Clark Worldwide, Inc. or its affiliates. Marques déposées de Kimberty-Clark Worldwide, Inc. ou de ses filiales. © KCWW. P15-6890 07/15

