



XLR™ P100 Half Mask Welding Respirators

LINCOLN[®]
ELECTRIC



Respiratory Protection Designed for Metal Fabrication

The XLR™ P100 Half Mask Respirators' innovative design offers superior performance while resolving many of the common limitations welders often have with half mask style respirators.

The XLR respirator's low profile, compact size fits underneath other common PPE such as welding helmets, face shields or hard hats. This versatile profile is coupled with P100 rated filters that are enclosed in a protective, high density housing to shield from spatter & sparks. The custom filter cartridges' enlarged surface area and enclosed design can increase filter life by over 100% vs. competitive models.

The XLR respirator is available in multiple sizes, each which feature a 4 point adjustable head harness for a contoured, comfortable fit. The exclusive design also features Compressify™ technology which provides a simple, more consistent method to check the face seal.



XLR Respirator— The New Metal Fabrication Standard

Low Profile, Compact Design

- » Versatile size can be used in conjunction with other personal protective equipment
- » Fits underneath most welding helmets, face shields and hard hats

Enhanced Comfort

- » Adjustable 4 point head suspension allows user to optimize fit
- » Engineered exhalation valve helps lower breathing resistance, moisture and fatigue
- » Unique Compressify manual face seal check

Filter Protection

- » High density nylon housing shields filter media from spatter, sparks & debris
- » NIOSH approved P100 filters offer 99.97% efficiency and are strongly resistant to oil

Filter Longevity

- » Larger pleated filter media surface area vs. comparable competitors
- » Enclosed design lowers saturation from ambient particulate
- » Increased air flow efficiency evenly disperses intake across the filter area



Complete Assemblies »

Small – K4683-S
Medium – K4683-M
Large – K4683-L



Replacement Filters »

P100 Filters – KP4684-2

Innovative Filter Design



Filter Guard

Protective cartridge shields from spatter, sparks and debris. This is a critical feature for metal fabrication.



Filter Life

Large filter size, reduced ambient air exposure and engineered air intake to help increase service life, saving time and money.



Filter Classification

P100 rating provides 99.97% filtration of non-oil and oil based particulates and aerosols.

Compressify™ Technology

Establishing and maintaining an adequate seal is an important procedure for all half mask respirator users. The XLR half mask features Compressify which is an engineered design and simple process to help establish and check the seal each time the respirator is donned (put on).

Note: Compressify does not replace the OSHA (29 CFR 1910.134) fit test for half mask respirators.



Step 1: Fit Mask

Put the suspension over your head and adjust for a snug, comfortable fit.



Step 2: Compress Filters

Compress the end of both filters to close the airflow channels.



Step 3: Inhale

With both filters compressed, take a deep breath and move head up & down. No air circulation should occur. Release compress when seal is established.

Compact Form Factor

Designed for standalone or combined use with other metal fabrication safety products such as most welding helmets, face shield and hard hats.



Reduced Breathing Resistance



Multi-Component exhalation valve helps lower breathing resistance, moisture and operator fatigue

Reflective Visibility



Four hex reflective strips provide enhanced visibility in low light environment and near motor vehicles

Convenient Storage



Each mask assembly comes packaged in a re-sealable airtight foil bag for protected storage.

Superior Comfort



Soft, flexible thermoplastic rubber mask contours to your face shape for all day comfort. Constructed of medical grade materials which are non-allergenic and odor-free.



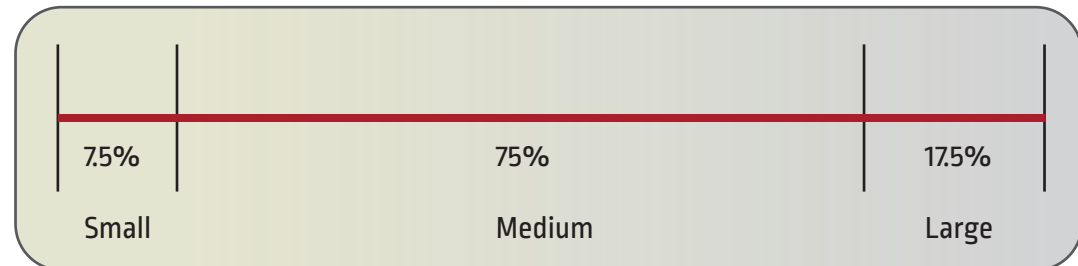
Four Point Harness cradles the head to evenly distribute weight. Adjustable clasps eliminate pressure point and offer secure fit.



Ergonomic, stretch fit elastic suspension offers adjustable tightness to establish a comfortable but effective face seal.

Determining Your Mask Size

Selecting which elastomeric half mask size to purchase is often a frustrating task. We designed our medium size to suit the majority of users, which we estimate will fit 75% of adults. Then we have separate small and large sizes for users which have below or above average facial dimensions and features.



SPECIFICATIONS

Respirator Approval	Classification	Assigned Protection Factor	Air-Purifying Type	Filter Class	Oil Resistance	Replaceable Filters	Number of Filters	Fit Test	Mask Sizes Offered
NIOSH 42 CFR 84	Elastomeric Half Mask	10 APF	Particulate Filtering	P100	Strongly Resistant to Oil	Yes	2	Mandatory Prior to Use	Small, Medium and Large

COMPLETE RESPIRATOR ASSEMBLIES AND REPLACEMENT PARTS

Part Number	Description
K4683-S	XLR P100 Half Mask Respirator - Small
K4683-M	XLR P100 Half Mask Respirator - Medium
K4683-L	XLR P100 Half Mask Respirator - Large
KP4684-2	XLR Replacement P100 Filter Cartridge
KP4686-1	Quantitative Fit Test Adapter for XLR Half Mask

CUSTOMER ASSISTANCE POLICY

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