RESPIRATORY PROTECTION · REGULAR-USE PPE

Half-Mask Reusable Respirators

Half-mask reusable respirators are elastomeric facepieces certified to EN 140 that cover the nose and mouth and accept replaceable gas, vapour or particulate filters certified to EN 14387 and EN 143, giving an assigned protection factor of about 10 against organic vapours, acid gases, ammonia and dusts.

TECHNICAL SPECIFICATIONS	
Standards	EN 140:1998 facepiece; EN 14387 gas/combined filters; EN 143 particulate filters; NIOSH 42 CFR 84 on request
Facepiece material	Silicone (premium) or TPE/thermoplastic rubber
Filter connection	Twin bayonet; single EN 148-1 threaded option
Filter types	A1, A2, ABEK1, A2P3, ABEK1P3, P3 R; pre-filters and retainers
Assigned protection factor	Typically 10 (half mask with P3 or gas filter) under UK HSE guidance
Sizes	Small, medium, large
Weight	Approx. 100–150 g without filters
Service life	Facepiece typically 3–5 years; filters per change schedule or breakthrough
Packaging	Individually boxed; filters in pairs; 10–20 masks per carton

Key features

- Silicone or TPE facepiece certified to EN 140 with soft, wide sealing edge
- Twin bayonet filter connection for balanced weight and a clear field of view
- Accepts EN 14387 gas filters (A, B, E, K, ABEK) and EN 143 P2/P3 particulate filters
- Low-profile exhalation valve directs moist air downwards, away from eyewear
- Cradle head harness with quick-release buckles for drop-down wear between tasks
- Dishwasher-safe components and replaceable valves for long service life

Variants available

- TPE half mask with A2P3 filters for spray painting
- Silicone half mask with ABEK1P3 combined filters
- Half mask with P3 R particulate filters only
- Single-filter threaded half mask for narrow spaces
- Half mask starter kit with filters, pre-filters and storage box
- Welding fume kit with P3 filters and flame-resistant cover

TYPICAL APPLICATIONS	
Oil & gas	tank cleaning support, chemical dosing and turnaround maintenance on Aramco and ADNOC sites (below IDLH levels)
Construction	spray painting, solvent-based coatings, sealants and epoxy flooring
Industrial	blasting support, galvanising, battery rooms and pesticide application
Facilities & municipal	pest control, chemical cleaning and waste handling
Solar & utilities	chlorine and chemical handling at water treatment plants
Logistics	chemical warehouses and drum decanting in Jebel Ali, Ajman and Dammam

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

UAE federal regulations, Dubai Municipality guidance and Abu Dhabi OSHAD codes require respiratory protection selected from a documented risk assessment, with gas and vapour hazards requiring EN 140 half masks and appropriate EN 14387 filters rather than disposable dust masks. Saudi Aramco CSM and ADNOC HSE standards typically require quantitative or qualitative face-fit testing, a clean-shaven policy and a written filter change schedule

for tight-fitting respirators.

Brands we supply

3M, Dräger, Honeywell, Moldex, MSA, Sundström

How to choose

1. Identify the contaminant first: A for solvents and paints, ABEK for mixed chemicals, P3 for fine dust and welding fume, combined filters where both occur
2. Choose silicone facepieces for daily wearers and long shifts; TPE for occasional use and lower cost
3. Size the mask (S/M/L) through face-fit testing rather than issuing one size to all workers
4. Standardise on one filter connection across the site so cartridges are interchangeable

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

WhatsApp / call +971 54 541 4145 · faizal@albarakaservices.com

Product page: albarakaservices.com/products/safety-products/half-mask-respirators/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.