

# 10 PROTEÇÃO RESPIRATÓRIA





# Proteção Respiratória

## Método dos 4 Passos

### 1. Identificação de Riscos

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### 2. Compreensão dos Efeitos dos Contaminantes à Saúde

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### 3. Seleção do E.P.I. apropriado

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### 4. Uso Correto do E.P.I.

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#### Como higienizar e limpar o seu respirador:

- Antes de limpar e higienizar, remova quando necessário: filtros mecânicos e químicos e, o diafragma de voz, membrana das válvulas. (Se preciso substituir filtros.)
- Lave as partes com sabão neutro e água à vontade. Use uma escova para remover a sujeira.
- Verifique as peças e troque aquelas que apresentam defeitos.
- Monte as partes no respirador e recologue os filtros.
- Guarde o equipamento envolvido em saco plástico dentro do armário individual ou em local próprio para a guarda de EPI's, de preferência arejado e limpo.

**3M****LOW MAINTENANCE FULL FACE MASK (MEDIUM)****CODE: 3M 6800**

- Case Qty: 4
- Sold in single units

**3M****LOW MAINTENANCE MASK (SMALL)****CODE: 3M 6100**

- Case Qty: 8
- Sold in single units

**3M****LOW MAINTENANCE MASK (MEDIUM)****CODE: 3M 6200**

- Case Qty: 8
- Sold in single units

**3M****LOW MAINTENANCE MASK (LARGE)****CODE: 3M 6300**

- Case Qty: 8
- Sold in single units

**proteção respiratória**

**3M****PARTICULATE/HYDROGEN FLUORIDE/NUISANCE LEVEL ACID GAS FILTER P2****CODE: 3M 2076**

- Case Qty: 100
- 50 Packs of 2 units each per case
- Sold in pairs (2 per pack)

**3M****PARTICULATE FILTER (REPLACES 2091)****CODE: 3M 2135**

- Case Qty: 80
- Box Qty: 4 (4 boxes per case)
- Sold in pairs (2 per pack)

**3M****PARTICULATE FILTER – P3****CODE: 3M 2138**

- Case Qty: 8
- Box Qty: 4 (4 boxes per case)
- Sold in pairs (2 per pack)

**3M****P100 DISK FILTER****CODE: 3M 2091**

- For use with a wide range of oil and non-oilbased contaminants and can be used as a pre-filter for certain chemical exposures
- Case Qty: 100
- 50 packs of 2 units each per case
- Sold in pairs (2 per pack)



### P3 PRE-FILTER



#### CODE: 3M 5935

- For use with 3M 501 pre-filter retainers
- Case Qty: 80
- Box Qty: 20
- Sold in pairs (2 per pack)



### K1



#### CODE: 3M 6054

- Use for protection against ammonia vapours and gases up to 10X OEL
- Case Qty: 64
- Box Qty: 8 (8 boxes per case)
- Sold in pairs (2 per pack)



### ABE1



#### CODE: 3M 6057

- Use for protection against organic, inorganic vapours and acid gases up to 10X OEL
- Case Qty: 64
- Box Qty: 8 (8 boxes per case)
- Sold in pairs (2 per pack)



### ABEK1



#### CODE: 3M 6059

- Use for protection against organic, inorganic vapours, acid gasses and ammonia up to 10X OEL
- Case Qty: 64
- Box Qty: 8 (8 boxes per case)
- Sold in pairs (2 per pack)

Proteção respiratória

**3M****RESPIRATOR WIPES****CODE: 3M 504**

- Alcohol free
- Case Qty: 500
- Boxes per case: 5
- Sold per box of 100 units

**3M****HEAD STRAP ASSEMBLY FOR HALF FACE MASK****CODE: 3M 6281B**

- Case Qty: 375
- Sold in single units

**3M****LENS COVER FOR FULL FACE****CODE: 3M 6885**

- Case Qty: 100
- 4 x bags of 25 units
- Sold in bags of 25 units

**3M****EXHALLATION VALVE****CODE: 3M 6889**

- Case Qty: 10
- Sold per case



### INHALLATION VALVE

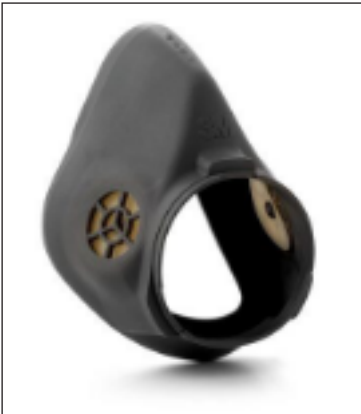


**CODE: 3M 6893**

- Case Qty: 200
- Sold in bags of 40 units



### NOSE CUP ASSEMBLY



**CODE: 3M 6894**

- Case Qty: 5
- Sold in single units



### INHALLATION GASKET

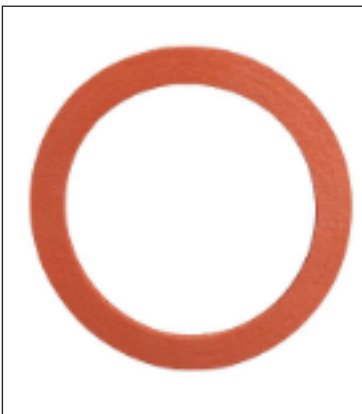


**CODE: 3M 6895**

- Case Qty: 80
- 4 X bags of 20 units per case
- Sold in bags of 20 units



### CENTRE ADAPTOR GASKET



**CODE: 3M 6896**

- Case Qty: 20
- 4 x bags of 5 units per case
- Sold in bags of 5 units

**3M****HEAD HARNESS ASSY FOR FULL FACE MASK****CODE: 3M 6897**

- Case Qty: 5
- Sold in single units

**3M****LENS ASSEMBLY FOR FULL FACE MASK****CODE: 3M 6898**

- Case Qty: 5
- Sold in single units

**3M****FRAME ASSEMBLY FOR FULL FACE MASK****CODE: 3M 6899**

- Case Qty: 5
- Sold in single units

**3M****FILTER RETAINER****CODE: 3M 501**

- For use with 3M 5925 and 3M 5935 pre-filters
- Case Qty: 100
- Box Qty: 20 (5 boxes per case)
- Sold in pairs



**3M**

FFP2S

**CODE: 3M 8810**

- proteção leve e fiável contra partículas
- Opção entre dois níveis de proteção
- Colocação fácil e rápida devido à sua forma côncava
- Ajuste facial excelente proporcionado pelos dois elásticos de ajuste, clip e almofada nasal
- Protecção duradoura graças à capa interior resistente à humidade
- Fornecida em embalagens de 20
- Caixa: 20 Unidades
- Máximo nível de utilização: 10 x TVL para partículas
- Certificação: Marca CE Norma: EN149:2001
- Suggested Applications: Grinding, Sanding, Asbestos, Bagging, Woodworking, Foundries, Mining, and other dusty operations

**3M**

FFP2S - VALVED

**CODE: 3M 8822**

- Max use level: 10 x OEL
- Oferecem os três níveis de proteção especificados na Norma Europeia EN149:2001
- A inovadora válvula VAV reduz incómodos, permitindo que o ar exalado saia de máscara evitando a acumulação de calor no seu interior
- A protecção total vê-se incrementada dado que a comodidade melhora a aceitação do utilizador e portanto o tempo de uso.
- A duração é maior, em especial em ambientes quentes e húmidos, graças à capa interior resistente à humidade
- Excelente ajuste facial proporcionado pelos dois elásticos, pelo clip e almofada nasal
- Fornecida em embalagens de 10
- Caixa: 10 Unidades

**3M**

FFP3 - VALVED

**CODE: 3M 8835**

- Max use level: 50 x OEL
- As Máscaras Auto-filtrantes 3M™ 8835 proporcionam uma proteção respiratória eficaz para um uso em indústrias onde os trabalhadores estejam expostos a partículas de poeiras e/ou partículas líquidas não voláteis. A superfície interna do anel de vedação melhora o ajuste e oferece um maior conforto para a pessoa que a usar, e permite também uma higienização caso a máscara seja reutilizada (utilize os toalhetes de limpeza 3M™ 105). A peça facial, robusta e em forma de concha, proporciona uma capacidade de uso em vários turnos e uma sensação de segurança. As tiras de ajuste de elástico tecido, ajustáveis em 4 pontos, permitem que a pessoa que a usar se sinta mais segura e proporcionam um maior conforto a nível do rosto, crânio e pescoço. O filtro 3M™ Advanced Electret proporciona uma filtração eficaz com baixa resistência à respiração para um desempenho consistente de alta qualidade.

**3M**

FFP2 (N95) - VALVED

**CODE: 3M 9925**

- Oferecem proteção contra fumos de soldadura
- Uma capa de carvão activo elimina o ozono produzido em operações de soldadura por arco tais como MIG e TIG
- Duração prolongada graças à tecnologia utilizada no filtro de partículas que reduz a velocidade de saturação
- Resistente a salpicos de soldadura devido ao seu tratamento especial com retardante à chama
- Compatível com écrans de solda-dura
- Redução de calor e humidade devido à sua válvula VAV
- Máximo nível de uso: 10 x TVL para partículas e ozono
- Certificação: Marca CE Norma: EN149:2001
- Suggested Applications: Brazing, Soldering, Torch Cutting, Metal Pouring, Grinding, Sanding, Sweeping, Bagging, other dusty /hot operations.

**3M**

FFP1

**CODE: 3M 9914**

- 3M 9914 breathing mask provides relief from nuisance levels of organic vapours and respiratory protection against low levels of fine dusts and mists.
- This dust mask features a 3M Cool Flow Valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions

## Features:

- Relieves irritation
- Reliable, effective protection against fine particulates
- Activated carbon layer
- Durable collapse resistant inner shell
- Good fit over a wide range of face sizes
- Convex shape, nose clip and twin-strap design
- Comfortable, lightweight off-the-face design
- 3M CoolFlow Valve
- Yellow colour coded straps denote FFP1 protection level
- Supplied in packs of 10.
- Approved to: EN 149:2001 FFP1.
- CE Marked.

**3M**

FFP1

**CODE: 3M 9915**

- Activated carbon layer help reduce exposure to nuisance levels\* of acid gas, such as, sulphur dioxide and hydrogen fluoride.
- Mould nose clip to the wearer's nose shape to help reduce eyewear fogging plus for a better seal and fit.
- Dual straps for even pressure on neck, face and head that helps to improve comfort.
- Robust shell and cup design that is resistant to collapse for durability.
- 20 per box, 100 per case

**3M**

N95

**CODE: 3M 1860**

- Max use level: 10 x OEL
- O respirador 3M 1860 para tuberculose é desenhado para prover proteção respiratória. Este produto foi testado e certificado pela NIOSH com a eficiência de filtragem no nível de 95% (N95) partículas solidas maiores. É resistente a líquidos e descartável.
- Designed to help provide respiratory protection for the wearer.
- Has a filter efficiency level of 95% or greater against particulate aerosols free of oil.
- Fluid resistant – aids in reducing the potential exposure of the wearer to blood and other body fluids.
- Adjustable noseclip, braided headbands, and soft nose foam.
- Disposable
- May be worn in surgery
- 3M N95 Health Care Particulate Respirator and Surgical Mask is NIOSH approved N95 respirator.
- Meets both OSHA requirements and CDC guidelines for TB exposure control.



## DROAIR MIDHALF MASKS



### CODE: SINGLE DH101

- Soft PVC mask with deep face mould for a comfortable fit with an excellent seal.
- Dual wide elastic connected with a pin swivel connector, adjustable and with a quick release toggle.
- Efficient exhalation mask
- For use with single unifit filter cartridge system
- Packing: 40 masks per carton
- EN140:1998
- NRCS AZ2011/43



## SINGLE UNIFIT FILTERS



- These gas, vapour and dust filters are designed to fit the DroAir range of Midi Masks



**DHCS P2PF PRE-FILTER**

- The gas and particulate filter range is colour coded to European standards in EN141, EN143 and EN14387

**WARNING! SINGLE FILTERS SHOULD NOT BE USED WITH TWIN MASKS AND TWIN FILTERS SHOULD NOT BE USED WITH SINGLE MASKS**



## DROAIR TWIN MID HALF MASKS



### CODE: SINGLE DH202

- Soft TP|R (Thermo Plastic Rubber) with a deep face mould for a fit with an excellent seal.
- Dual wide elastic connected with a pin swivel connector, adjustable and with a quick release toggle
- Efficient exhalation mask
- For use with the DHCT Twin Unifit Filter Cartridge System
- Packaging 40 masks per carton
- EN140:1998
- NRCS AZ2011/43



## DHCS UNIFIT FILTERS





FFP2 (NRCS AZ2004/18)



**CODE: D-1020**

- Low breathing resistance for increased wearer comfort
- Heavy duty, tab mounted, head straps
- Colour coded plastic adjustable nose clip
- Soft foam nosepiece for comfort and custom fit
- PP inner with no loose fibres
- Packed: 20 masks per box (400 per carton)



FFP2 VALVED (NRCS AZ2004/17)



**CODE: D-1021**

- Low breathing resistance for increased wearer comfort
- Heavy duty, tab mounted, head straps
- Colour coded plastic adjustable nose clip
- Soft foam nosepiece for comfort and custom fit
- Exhalation valve reduces hot air build-up and provides easy breathing in hot and humid environment
- Packed: 12 masks per box (240 per carton)



FFP3 VALVED (NRCS AZ2004/15)



**CODE: D-1231**

- Low breathing resistance for increased wearer comfort
- Fully adjustable head straps
- Colour coded plastic adjustable nose clip
- Contour face seal for performance and comfort
- Exhalation valve reduces hot air build-up and provides easy breathing in hot and humid environment
- Packed: 5 masks per box (100 per carton)



FFP2



**CODE: D-1121 ACTIVE CARBON**

- Low breathing resistance for increased wearer comfort
- Colour coded plastic adjustable nose clip
- Soft foam nosepiece for comfort and custom fit
- Exhalation valve reduces hot air build-up
- Exhalation valve provides easy breathing in hot and humid environments
- Active carbon pre-filter for nuisance organic vapours and welding fumes
- Elasticated head strap
- Packed: 12 masks per box (240 per carton)



FFP3



**CODE: D-3231FLAT FOLD**

- Low breathing resistance for increased wearer comfort
- Fully adjustable head straps
- Plastic adjustable nose clip
- Contour face seal for performance and comfort
- Exhalation valve reduces hot air build-up and provides easy breathing in hot and humid environments
- Suitable for use against solid and liquid based aerosols
- Dolomite tested for resistance to clogging
- Product rating: NRCS 8072/0169
- Complies with EN:14:2001 +A1:2009FFP2 NR
- Packed: 12 masks per box (240 per carton)



FFP3



**CODE: D-3021VALVED**

- Low breathing resistance for increased wearer comfort
- Fully adjustable head straps
- Plastic adjustable nose clip
- Soft foam nosepiece for comfort and custom fit
- Suitable for use against solid and liquid based aerosols
- Dolomite tested for resistance to clogging
- Elasticated head strap
- Exhalation valve reduces hot air build-up
- Exhalation valve provides easy breathing in hot and humid environments
- PRODUCT RATING: NRCS 8072/0168
- Complies with EN:149:2001 +A1:2009FFP2 NR
- Dolomite tested as per BSI test 255/7633484



FFP3



**CODE: D-4021VALVED**

- Suitable for ladies and smaller facial structures
- Pre-filter scrim protects the mask from clogging
- Embedded nose clip for comfort and custom fit
- Low breathing resistance for increased wearer comfort
- Heavy duty, tab mounted, head straps
- Exhalation valve reduces hot air build-up and provides easy breathing in hot and humid environments
- PRODUCT RATING: (NRCS 8072/0225)
- Complies with EN:149:2001 +A1:2009FFP2 NR
- Dolomite tested as per BSI test 255/7633484



FFP3



**CODE: D-4020**

- Suitable for ladies and smaller facial structures
- Pre-filter scrim protects the mask from clogging
- Embedded nose clip for comfort and custom fit
- Low breathing resistance for increased wearer comfort
- Heavy duty, tab mounted, head straps
- Exhalation valve reduces hot air build-up and provides easy breathing in hot and humid environments
- PRODUCT RATING: (NRCS 8072/0224)
- Complies with EN:149:2001 +A1:2009FFP2 NR
- Dolomite tested as per BSI test 255/7633484



FFP1



CODE: D-2010

- Low breathing resistance for increased wearer comfort
- Dual elastic tab mounted head straps
- Packed: 20 masks per box(400 per carton)
- EN149:2011 –SABS REF AZ2006/28)



FFP2 VALVE



CODE: D-2021

- Low breathing resistance for increased wearer comfort
- Highly efficient valve for easy exhalation
- Dual elastic tab mounted head straps
- Packed: 12 masks per box(240 per carton)
- EN149:2011 –SABS REF AZ2006/28)



FFP2



CODE: D-2020RP5 – RETAIL PACK

- Low breathing resistance for increased wearer comfort
- Dual elastic tab mounted head straps
- Packed: 5 masks per box(72 packs of 5 masks per carton)



DRO-MED FLAT FOLD N95



CODE: D-6150

- Medical mask
- Nosh approved 84A-4047
- Recommended by the World Health Organisation, Department of Health, and the NICE
- Quantity: 400 per carton



DRO-MED FLAT FOLD N95 – VALVED



CODE: D-6151

- Medical mask
- Nosh approved 84A-4047
- Recommended by the World Health Organisation, Department of Health, and the NICE
- Quantity: 400 per carton

## Honeywell FFP2



### CODE: 5209-V

- Rigid shell. Shape maintained even in moistened and heavy loading environments.
- Soft nose seal with absorption properties and a tight sealing film for better comfort and fit.
- Preformed and coloured nosebridge to save time to perfectly adjust the mask and to instantly identify its protection level.
- Large internal volume to easily communicate and breathe.
- Shielded exhalation valve with an exclusive design for an improved protection and a better breathing comfort.
- Twin elastic straps, ultra flexible and resistant, stapled outside of the filtering area to avoid any risk of leakage.
- Lightweight respirator (15 g) to reduce wearers fatigue.
- No latex, no silicone, nor PVC
- No restrictions with regards to use, environmentally friendly

## Honeywell FFP3



### CODE: 5321

FFP3 non-reusable moulded filtering half-mask belonging to the Premium series, designed to provide exceptional fit and comfort. For protection against high-toxicity dusts, fumes and water-based mists.

It leverages the Willtech™ soft seal technology, ergonomically designed for high levels of comfort and an improved fit. It is ideal for demanding environments.

- Semi-rigid shell. Shape maintained even in moist and heavy loading environments.
- Ultra-soft and hypoallergenic Willtech™ full-face seals with absorption properties for exceptional comfort and fit.
- Large internal volume to speak and breathe easily
- Protected exhalation valve with an exclusive design for improved protection and better respiratory comfort.
- Twin adjustable braids to easily and efficiently fit the mask
- Lightweight respirator (26g) to reduce wearers' fatigue
- Mine industries for any type of extractions and depths.

## AIRMAXX FFP1



### CODE: AMX1

- Protects against low levels of airborne particles
- It protects against materials in concentrations of up to 4x occupational exposure limit (OEL)
- EN 149:2001-FFP1 NR & SANS 50149:2003
- The main performance test are Filter Penetration, Total Inward Leakage, Flammability, Breathing Resistance & Performance.
- The product is Homologated
- Packed: 20 masks in a box (20 Boxes per carton)