

3M India Sell Sheets



3M™ 1270 series reusable earplug

The 3M™ 1270 Earplugs are reusable and designed for insertion into the ear canal to help reduce exposure to hazardous levels of noise up to 24 dB.

Multi flange design fits securely in the ear canal & helps provide reliable protection

1

Made from soft and durable TPE material for optimum comfort

3



2

Can be washed with mild detergent & reused

Your challenges

Worker encounter difficulty of insertion

1

The hearing protector with stem allow user for ease of insertion

Regulatory approval

2

BIS approved earplugs

Workers tend to lose the hearing protector when in break

3

Soft cloth cord prevent loss of earplug

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Unique outer flange design helps keep the ear plugs in place thus improving wearer comfort and helping assure protection 7 soft formulation , provides added comfort.

Know more about our 1270 series reusable earplug

[More information](#)



3M™ E-A-R™ One Touch™ Pro Earplug Dispenser

The 3M™ One Touch™ Pro Earplug Dispenser made of durable ABS plastic for tough environments dispenses earplug directly into hand

A simple turn of the hand drops earplug into a worker's hand one at a time

1

Versatile design allows for placing on countertops or wall mounting

3



2

Slow-recovery earplug foam is flame-resistant and moisture-resistant

Your challenges

Experience high noise environment and need hearing protection

1

Disposable foam earplug provide comfort and high attenuation

Working exposure to outdoor and high humid environment

2

PVC material for moisture resistant

Increase of workload for supervisor to issue earplug to workers

3

Classic earplug with one Touch dispenser that can allow worker to self-collect the earplug as and when he needs

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Can have Refill bottles to allow recycle of the containers.
Slow recovery foam.
Refill is available and reduce the cost of individual wrapped earplug.

Know more about our 3M™ E-A-R™ One Touch™ Pro Earplug Dispenser

[3M™ E-A-R™ One Touch™ Pro Earplug Dispenser, Blue 391-0000 | 3M Singapore](#)



3 M™ E-A-R™ Flexible Fit HA 328-1001

3M™ E A R™ Flexible Fit, the first fully washable push-to-fit foam earplug with suggested use for up to 2 weeks when following wash and care instructions.

No roll down of soft foam tip helps keep ear tip clean.
Good for workers with gloved or dirty hands

1

Soft foam stem for secure grip

3



2

Ideal for workers with only one free hand available for inserting earplugs

Your challenges

Worker carry equipment or tool with one hand.
therefore, need earplug that can be inserted with one-hand

Disposable earplugs are more comfortable over reusable earplugs

Having limitation in rolling the earplugs every time

Our solutions

1

Firm, yet flexible fitting stem allows easy insertion into the ear canal using one or two hands

2

Flexible fit offers the comfort of disposable earplug & washable* like reusable earplugs

3

The no roll-down design along with firm foam tip helps in wearing the earplug at ease

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

corded & uncorded options available

Know more about our Flexible Fit HA 328-1001

[More info](#)



3M™ PELTOR™ Optime™ 105 Earmuff

Optime™ 105 Earmuff is a high-performance hearing protector has dual-cup design & soft foam-filled cushions provide better comfort + high attenuation.

Stainless-steel headband designed to help resist bending, warping & twisting

1

Adjustable earcup tilt to help create a personalized fit

3



2

Noise Reduction Rating (NRR)
30 dB

Your challenges

Worker exposed to extremely high noise condition

1

Effective hearing protection for noise exposure up to 30 dB

Existing earmuff feel uncomfortable

2

Proprietary 3M Twin-Cup design has soft , foam filled earmuffs for enhanced hearing protection

3

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Compatible with EAR fit validation system.
Test probe for H10A is available.

Know more about our 3M™ PELTOR™ Optime™ 105 Earmuff





3M™ PELTOR™ Optime™ 98 Earmuff

3M™ PELTOR™ Optime™ 98 Earmuffs feature low profile ear cups to make them fit better under face shields and other PPE.

Stainless-steel headband designed to help resist bending, warping & twisting

1



2

Noise Reduction Rating (NRR)
25 dB

3

Adjustable earcup tilt to help create a personalized fit

Your challenges

Worker exposed to extremely high noise condition

1

Effective hearing protection for noise exposure up to 25dB

Existing earmuff feel uncomfortable

2

Proprietary 3M Twin-Cup design has soft, foam filled earmuffs for enhanced hearing protection

3

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

Compatible with EAR fit validation system.
Test probe for H9A is available.

Know more about our 3M™ PELTOR™ Optime™ 105 Earmuff





3M™ PELTOR™ Optime™ 98 Earmuff

3M™ PELTOR™ Optime™ 95 Earmuffs feature low profile ear cups to make them fit better under face shields and other PPE.

Stainless-steel headband designed to help resist bending, warping & twisting

1



3

Adjustable earcup tilt to help create a personalized fit

2

Noise Reduction Rating (NRR)
35 dB

Your challenges

Worker exposed to extremely high noise condition

1

Effective hearing protection for noise exposure up to 35dBA

Existing earmuff feel uncomfortable

2

Proprietary 3M Twin-Cup design has soft, foam filled earmuffs for enhanced hearing protection

3

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Compatible with EAR fit validation system.
Test probe for H10A is available.

Know more about our 3M™ PELTOR™ Optime™ 98 Earmuff





3M™ PELTOR™ X1 Earmuffs X1A

The X1A is a lightweight, low-profile earmuff designed for protection against low-level industrial noise and other loud sounds

Twin headband design helps reduce heat buildup with good fit and balance

1

Earcups tilt to ensure a customized fit and comfort for individual users

3



2

Noise Reduction Rating (NRR) of 22dB for low to moderate noise exposures

Your challenges

Require earmuff which provide electric insulation

1

Electrically insulated (dielectric) wire headband helps reduce exposure to electrical hazards

Existing earmuff feel uncomfortable

2

Wire headband offers comfortable pressure during prolonged usage

3

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Compatible with EAR fit validation system.
Test probe for X1A is available.

Know more about our 3M™ PELTOR™ X1A Earmuff





3M™ PELTOR™ X1 Earmuffs X1P3E, Hard Hat Attached

The X1A is a lightweight, low-profile earmuff designed for protection against low-level industrial noise and other loud sounds

Twin headband design helps reduce heat buildup with good fit and balance

1

Earcups tilt to ensure a customized fit and comfort for individual users

3



2

Noise Reduction Rating (NRR) of 21dB for low to moderate noise exposures

Your challenges

Require earmuff which provide electric insulation

1

Electrically insulated (dielectric) wire (headband) helps reduce exposure to electrical hazards

Existing earmuff feel uncomfortable

2

Wire headband offers comfortable pressure during prolonged usage

3

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Compatible with EAR fit validation system.
Test probe for X1A is available.

Know more about our 3M™ PELTOR™ X1P3E Earmuff





3M 11850IN Virtua- w/d Blue temple

Protective Eyewear with popular unisex styling.

Scratch resistant Hard Coat

1

Color temple option
Clear/Orange/Blue

3



2

99% UV protection

Your challenges

Complaints like power problem, headache mainly encountered with this eyewear design.

Provide colors to identify work location needs

Similar product (Wrap Around design) already available in market- More economical Option

Our solutions

1

3 Piece Poly Carbonate construction
Universal Nose Bridge
U6 rated polycarbonate lenses

2

Get to choose from multiple colour options

3

Provide fit check option

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards

Know more about our 3M 11850IN Virtua-w/d Bluetemp

[3M India Product Page](#)



11850IN Virtua -w/d Orange Temple

Protective Eyewear with popular unisex styling.

Scratch resistant Hard Coat

1

Color temple option
Clear/Orange/Blue

3



2

99% UV protection

Your challenges

Complaints like power problem, headache mainly encountered with this eyewear design.

1

3 Piece Poly Carbonate construction
Universal Nose Bridge
U6 rated polycarbonate lenses

Provide colours to identify work location needs

2

Get to choose from multiple colour options

Similar product (Wrap Around design) already available in market- More economical Option

3

Provide fit check option

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards

Know more about our 3M 11850IN Virtua-w/d Bluetemp

[3M India Product Page](#)



3M 11852 Virtua IN Antifog

Protective Eyewear with Stylish Design. Available in Hard coat Version.



Your challenges

Similar product already available in market- More economical Option under same category.

Feels heavy when worn

Eyewear gets foggy

Our solutions

1

Vinyl nose Bridge & Soft Temples,

2

Light weight design

3

Anti fog option

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards
Available as HC

Know more about our 3M 11852 Virtua IN Antifog

[3M India Product Page](#)



3M 11852 Virtua IN Hard coat

Protective Eyewear with Stylish Design. Available in Anti-Fog version.

Scratch resistant Hard Coat

1

99% UV protection

3



2

Soft vinyl nose pads/Temple for extra comfort

Your challenges

Similar product already available in market- More economical Option under same category.

Feels heavy when worn

Eyewear gets scratches easily

Our solutions

1

Vinyl nose Bridge & Soft Temples,

2

Light weight design

3

Hard coated lens resist from scratches

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards

Know more about our 3M 11852 Virtua IN Antifog

[3M India Product Page](#)



3M 11880IN Virtua Antifog Blue temple

Protective Eyewear with popular unisex styling.

Anti fog coating

1

Color temple option
Clear/Orange/Blue

3



2

99% UV protection

Your challenges

Complaints like power problem, headache mainly encountered with this eyewear design.

Provide colours to identify work location needs

Eyewear gets foggy

Our solutions

1

3 Piece Poly Carbonate construction
Universal Nose Bridge
U6 rated polycarbonate lenses

2

Get to choose from multiple colour options

3

Anti fog option

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards

Know more about our 3M 11850IN Virtua-w/d Bluetemp

[3M India Product Page](#)



3M™ 1611, Visitor Spectacle, Anti Scratch, Clear Lens

Protective Eye wear used for visitor spectacles with over the glass feature available

Hard-coated and scratch resistant

1

Wide coverage

3



2

99% UV protection

Your challenges

Discomfort if wore for longer time

1

3 Piece Poly Carbonate construction with Universal Nose Bridge

Lesser durability & scratches issue

2

Hard Coating on the lens to resist scratches

Bulky in size

3

Wide frontal coverage of the eyes & lateral protection

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Mining



Additional features

Meets ANSI Z87.1-2015
Good solution for visitors

Know more about our 3M™ 1611, Visitor Spectacle, Ant scratch, Clear Lens

[3M India Product Page](#)



3M 1709IN With Hardcore Clear.

Protective Eyewear with Stylish Design. Available in Hard coat.

Hard-coated and
scratch resistant

1

99% UV protection

3



2

Better coverage

Your challenges

Hard temple, not comfortable

1

Economical Eyewear & Lightweight and compact design

Similar product already available in market

2

Assured quality with compliance to standards

3

Meets BIS 5983 standards

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

Meets BIS 5983 standards

Know more about our 3M 1709IN With Hardcore Clear.

[3M India Product Page](#)



3M™ 1621IN

Protective Goggle protects against chemical splash (Anti-Fog option available)

Protects from
chemical splashes

1

Wear over
prescription lenses

3



2

Polycarbonate
Frame/Lens

Your challenges

Doesn't seal the eye region evenly

1

Economical eyewear with 99% UV Protection

Quality of product is not up to the mark

2

Meets BIS regulatory standards

3

Our solutions

Recommended application

Pharmaceuticals



Chemical



Additional features

Meets ANSI Z87.1-2015
Meets BIS 5983 standards
Anti-fog option available

Know more about our 3M™ 1621IN

[3M India Product Page](#)



3M™ SecureFit™ 201-AF

3M™ SecureFit™ Safety Glasses 200 Series offers lightweight comfort at an affordable price. Featuring 3M™ Pressure Diffusion Temple Technology, 3M's innovative temple design features slotted ribs that provide comfortable pressure equalization, allowing the temples to flex and self-adjust to the size and shape of the wearer's head.

Curved temples for enhanced security

1

Temple flex & self-adjust to the size of wearer's head offering better comfort

3



2

Light weight design

Your challenges

Uncomfortable when worn for long period.

1

PPE compatibility

2

Our solutions

3M™ Pressure Diffusion Temple (PDT) technology enables temples to flex and adjust according to wearer's head and provides comfort for extended periods of use.

Combines well with 3M™ Protective Earmuffs

3

Recommended application

Pharmaceuticals



Construction



Additional features

Meets ANSI-ISEA Z87.1-2020 Standards

Know more about our 3M™ SecureFit™ 200 Series Safety Glasses

[3M US Product Page](#)

[Technical Data Sheet](#)



3M™ SecureFit™ SF201SGAF-BLU

3M™ SecureFit™ Safety Glasses 200 Series offers lightweight comfort at an affordable price. Featuring 3M™ Pressure Diffusion Temple Technology, 3M's innovative temple design features slotted ribs that provide comfortable pressure equalization, allowing the temples to flex and self-adjust to the size and shape of the wearer's head.

Curved temples for enhanced security

1

Temple flex & self-adjust to the size of wearer's head offering better comfort

3



2

Scotchgard™ Anti-fog coating for fog and abrasion resistance & can resist fogging up to 25 washes*

Your challenges

Uncomfortable when worn for long period.

1

3M™ Pressure Diffusion Temple (PDT) technology enables temples to flex and adjust according to wearer's head and provides comfort for extended periods of use.

PPE compatibility

2

Combines well with 3M™ Protective Earmuffs

3

Our solutions

Recommended application

Pharmaceuticals



Construction



Additional features

Meets ANSI-ISEA Z87.1-2020 Standards

Know more about our 3M™ SecureFit™ 200 Series Safety Glasses

[3M US Product Page](#)

[Technical Data Sheet](#)



3M™ SecureFit™ 100 Series Safety Glasses

3M™ SecureFit™ 100 Series features a sleek, sporty lens shape coupled with a patented temple design that self-adjusts to different head sizes to provide a stylish yet comfortable fit for an extended period of time

Curved temples for enhanced security

1



2

Sleek, sporty lens shape

Temple flex & self-adjust to the size of wearer's head offering better comfort

3

Your challenges

Need economical eyewear that meet minimum requirement such as comfort

PPE compatibility

Our solutions

1

Securefit 100 design with 3M™ Pressure Diffusion Temple (PDT) technology enables temples to flex and adjust according to wearer's head and provides comfort for extended periods of use with a competitive cost

2

Combines well with 3M™ Protective Earmuffs

3

Recommended application

Construction



Additional features

Meets ANSI-ISEA Z87.1-2020 Standards

Know more about our 3M™ SecureFit™ 100 Series Safety Glasses

[Sell Sheet](#)

[Technical Data Sheet](#)



3M™ SecureFit™ 3700 Series

Get over-the-glass protection with all day wearability with the 3M™ SecureFit™ 3700 Series. The adjustable ratchet temples provides angle adjustment points on the temple to help create a secure and personalized fit. The eyewear features pressure diffusion temple technology and a soft touch nosepiece to help provide all-day comfort

Adjustable ratchet temples allow user to adjust lens for facial features and eyeglass position

Scotchgard™ Anti-fog coating for fog and abrasion resistance & can resist fogging up to 25 washes*



Soft one-piece nose bridge & Optional contoured brow guard

Your challenges

Challenges with people wearing spectacles

Similar product already available in market

Dust particles enter in spite of wearing eyewear

Our solutions

3M™ SecureFit™ 3700 Series is designed to offer eye protection with all-day wearability for workers with prescription lenses

Assured quality with compliance to standards

Optional brow guard available

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Additional features

Meets ANSI-ISEA Z87.1-2020 Standards

Know more about our 3M™ SecureFit™ 3700 Series

[3M India Product Page](#)



3M™ Goggle Gear™ 500 Series Safety Goggles

3M™ Goggle Gear™ 500 Series features a low-profile design with an adjustable strap, indirect ventilation and 3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating.

D3 (droplet and splash) and D4 (dust) rated

1

Low profile design

3



2

Scotchgard™ Anti-fog coating for fog and abrasion resistance & can resist fogging up to 25 washes*

Your challenges

Whenever I come out from the hot chamber , always experience the safety goggles fogging issue

1

3M Scotchgard™ Protector Anti-Fog Coating/Anti-Scratch help workers see clearly for longer in tough working conditions

Doesn't seal the eye region evenly

2

Protect against chemical splashes

3

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Utilities



Chemical



Mining



Additional features

Scotchgard™ Anti-Fog Coating lasts longer than traditional anti-fog coatings

Know more about our 3M™ Goggle Gear™ 500 Series Safety Goggles

[3M India Product Page](#)



3M™ PELTOR™ WS™ LiteCom Plus LPD433 MHz Headband Headset

The 3M™ PELTOR™ WS™ LiteCom Plus Hearing Protector has integrated, pre-programmed analog two-way radio, Bluetooth® Multipoint connectivity, noise-cancelling microphone, and level-dependent function for ambient listening, the Headset not only helps protect you against hazardous noise, but also makes it easy to communicate in noisy environments and helps you maintain situational awareness.

Protective communication solution for hands-free, clear communication in noisy environments

1

Helps provide hearing protection when exposed to hazardous noise

3



2

Analog two-way communication radio with 22 pre-programmed FRS channels

Your challenges

Unable to listen to warning signals and poor communication

1

Situational awareness

Need communication in noisy environments

2

With hearing protection and two ways radio built-in communication

Need handsfree operation

3

Incorporate VOX (Voice operated Transmission) Control

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Chemical



Additional features

Attenuation and amplification function available depend on the user needs

Build in two-way radio communication, 8 channels (PMR) or 69 channel (LDP) and comply with the local standard or international test standard

Provide handsfree operation with VOX function and easy button access to the manual operation

Know more about our 3M™ PELTOR™ WS™ LiteCom Plus LPD433 MHz Headband Headset

[Product Page](#)



3M™ Aircare™ Filtration Unit ACU-03, Wall Mounted, 1 EA/Case

The 3M™ Aircare™ Filtration Units can be combined with all 3M™ Supplied Air Respirator Systems. The 3M™ Aircare™ Filtration Unit three stage filtration system supplies highest quality air to the Supplied Air Respirator System and compressed air tools, by removing water and oil aerosols, particulates and odor's from the facility supplied compressed air.

Provides Airflow in excess of 1200 liters per minute with 2-way and 3-way manifolds available

1

Semi-automatic drains empty the first and second stage bowls when the system is depressurized

3



Differential pressure indicator indicates when second stage filter needs changing/inspecting

2

Your challenges

Difficult to carry

1

Wall mounted option available

Inadequate air flow

2

Can be used for up to three users

Not sure if the air is sufficiently filtered

3

3 stage filtration to remove dust and moisture

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Chemical



Additional features

Know more about our 3M™ Aircare™ Filtration Unit ACU-03, Wall Mounted, 1 EA/Case

[3M Technical Datasheet](#)

[3M™ India Product Page](#)



3M™ Versaflo™ Powered Air Turbo Easy Clean Ready Kit, TR-300E+ ECK

Designed to help protect the healthcare worker from airborne particulates – without compromising comfort or flexibility

Monitor the status of your particulate filter, the charge of your battery and airflow setting at a glance.

1

Innovative Quick Release Swivel (QRS) connects quickly and helps avoid kinks in the breathing tube

3



2

Audible and visual alarms alert you to filter load and low battery.

Your challenges

Mainly Lint Free & Easily cleanable items are preferred for clean room applications.

For Better Comfort more than 160lpm of air flow require. Calibration Challenges

Challenges faced to check battery charge status
For better convenience user friendly system is required

Our solutions

1

Provided with Easy Clean Belt that allow hassle free cleaning & having coated surface prevent material depositions as well as linting problem.

2

User Selectable Air Flow (185, 205lpm).
Sophisticated electronics keep the factory-calibrated airflow at a nominal 170 l/min, eliminating the need for regular calibration by the user.

3

R-300+ features a user-friendly design with intuitive, colored interactive touch points, battery charge and particulate filter loading status indicators and audible and visual low-flow and low-battery indicators. Lithium ion battery with LED to indicate charge status

Recommended application

Pharmaceuticals



Manufacturing



Construction



Chemical



Additional features

Ingress Protection (IP) rating of IP-53 (EN 60529).
Suitable for use in a decontamination shower with a spray angle of up to 60 degrees from vertical.

Approval: EN12941 TH2/TH3
Other Approval: NIOSH

Know more about our 3M™ Versaflo™ Powered Air Turbo Easy Clean Ready Kit, TR-300E+ ECK

[Technical Data Sheet](#)

[3M Europe Product Page](#)



3M™ Versaflo™ Powered Air Turbo Heavy Industry Ready Kit, TR-300E+ HIK

Ready-to-use kit provides a simple way to purchase a complete powered air respirator system for use in rugged industrial environments.

Monitor the status of your particulate filter, the charge of your battery and airflow setting at a glance.

1

Innovative Quick Release Swivel (QRS) connects quickly and helps avoid kinks in the breathing tube

3



2

Audible and visual alarms alert you to filter load and low battery.

Your challenges

PAPR system for use in rugged industrial environments.

1

For Better Comfort more then 160lpm of air flow require. Calibration Challenges

2

Challenges faced to check battery charge status
For better convenience user friendly system is required

3

Our solutions

Belt specially made from durable leather.
PAPR main body & Filter Cover made of ABS plastic.
Option available for Flame Resistant & Heat Retardant breathing tube cover.

User Selectable Air Flow (185, 205lpm).
Sophisticated electronics keep the factory-calibrated airflow at a nominal 170 l/min, eliminating the need for regular calibration by the user.

TR-300+ features a user-friendly design with intuitive, colored interactive touch points, battery charge and particulate filter loading status indicators and audible and visual low-flow and low-battery indicators. Lithium ion battery with LED to indicate charge status

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Additional features

Backpack harness with multi-layer construction
Approval: EN12941 TH2/TH3
Other Approval: NIOSH

Know more about our 3M™ Versaflo™ Powered Air Turbo Heavy Industry Ready Kit, TR-300E+ HI

[Technical Data Sheet](#)

[3M Europe Product Page](#)



3M™ Versaflo™ Powered Air Respirator Starter Kit, TR-619E

The 3M™ Versaflo™ Powered Air Turbo TR-600 is a belt-mounted air purifying device. It can be combined with an approved head top or facepiece to form a power-assisted system for respiratory protection against particles, nuisance odor's (where applicable) and gases and vapors. A range of approved breathing tubes are available depending on which head top or facepiece is selected.

Easy to use, versatile respiratory protection against dusts, mists, fumes and organic vapors

1

Three user selectable flow rates and has a lightweight and balanced design to maximize user comfort

3



2

Visual, vibratory and audible warning alarms to alert to low battery and air flow

Your challenges

Clean Room Application- Decontamination of PAPR system is necessary to prevent cross contamination.

Require a long run time and short charging time, to reduces the user's downtime

For Better Comfort more then 160lpm of air flow require. Calibration Challenges

Our solutions

1

Suitable for shower decontamination (IP54) when using filter cover and temporary submersion (IP67) when fitted with cleaning plugs

2

Charger Time: Standard battery <3.5 hrs.
Charger Time: High capacity battery <4.5 hrs.
System run time of 9.5-19 hours depending on battery, flow rate, head top and filter

3

User Selectable Air Flow (185, 205, 225 lpm).
No user calibration of the turbo is required

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Additional features

EN 12941:1998+A2:2008
EN 60529
Other Approval: NIOSH

Ergonomically designed to fit close to the body and allow for greater movement in tight workspaces.

Know more about our 3M™ Versaflo™ Powered Air Turbo Starter Kit, TR-619E

[Technical Data Sheet](#)

[3M Europe Product Page](#)



3M™ Versaflo™ TR-819E Powered Air Turbo Starter Kit

The 3M™ Versaflo™ Powered Air Turbo TR-600 is a belt-mounted air purifying device. It can be combined with an approved head top or facepiece to form a power-assisted system for respiratory protection against particles, nuisance odors (where applicable) and gases and vapors. A range of approved breathing tubes are available depending on which head top or facepiece is selected.

Easy to use, versatile respiratory protection against dusts, mists, fumes and organic vapors

1

Mechanical attachment of battery to help prevent battery removal and spark risk during use per EN 60079-11

3



2

Suitable for areas where potentially explosive atmospheres are expected and permanent within normal operations.

Your challenges

Clean Room Application- Decontamination of PAPR system is necessary to prevent cross contamination.

Require a long run time and short charging time, to reduces the user's downtime

For Better Comfort more then 160lpm of air flow require. Calibration Challenges

Our solutions

1

Suitable for shower decontamination (IP54) when using filter cover and temporary submersion (IP67) when fitted with cleaning plugs

2

Charger Time: Standard battery <3.5 hrs.
Charger Time: High capacity battery <4.5 hrs.
System run time of 9.5-19 hours depending on battery, flow rate, head top and filter

3

User Selectable Air Flow (185, 205, 225 lpm).
No user calibration of the turbo is required

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Additional features

EN 12941:1998+A2:2008
EN 60529
Other Approval: NIOSH

Ergonomically designed to fit close to the body and allow for greater movement in tight workspaces.

Know more about our 3M™ Versaflo™ Powered Air Turbo Starter Kit, TR-619E

[Technical Data Sheet](#)

[3M Europe Product Page](#)



3M™ Particulate Respirator 8511

This disposable N95 particulate respirator features the proprietary 3M Cool Flow Valve and helps provide comfortable, reliable worker respiratory protection. It is ideally suited for hot/dusty work settings that require long periods of wear.

Comfortable, lightweight,
off-the-face design

1



Adjustable M- Noseclip

2

3M™ High Performance Filter
Media

3

Your challenges

Uncomfortable when worn for long period

Not all respirators fit well

My face gets sweaty inside the respirator

Our solutions

1

M-Noseclip adjusts easily for fewer pressure points and greater comfort

2

Braided comfort headbands two-strap design with dual point attachment helps provide a secure seal

3

3M™ Cool Flow™ exhalation valve offers improved comfort in hot humid environments and/or where work is hard and physical

Recommended application

Pharmaceuticals



Manufacturing



Utilities



Construction



Additional features

Lightweight design for comfort
Contains no components made from natural rubber latex

Know more about our 3M™ Particulate Respirator 8511

[3M India Product Page - 3M™ Particulate Respirator 8511, N95, 80 ea/Case | 3M India](#)

[Technical Data Sheet - Microsoft Word - 8511 N95 Particulate Respirator Spec Sheet_FINAL_V2.docx \(3m.com\)](#)



3M™ Particulate Respirator 8710, P1

. The 3M™ 8710 Particulate Respirator provide effective respiratory protection for use in industries where workers will be exposed to dust particles and/or nonvolatile liquid particles

Comfortable, lightweight,
off-the-face design

1



2

Adjustable nose clip

3M™ High Performance Filter
Media

3

Your challenges

Uncomfortable when worn for long period

1

Lightweight construction promotes greater comfort and contributes to increased wear time.

Not all respirators fit well

2

Two-strap design with stapled dual point attachment helps provide a secure seal

Product not robust

3

Durable, collapse resistant inner shell offering effective filtration combined with low breathing resistance

Our solutions

Recommended application

Pharmaceuticals



Manufacturing



Construction



Utilities



Chemical



Mining



Additional features

P1 rated filter, BIS approved

Know more about our 3M™ Particulate Respirator 8710, P1

[3M India Product Page - 3M™ Dust/Mist Respirator 8710IN+ P1 \(BIS, EN\) 240 ea/Case | 3M India](#)



3M™ Valved Respirator 8822 P2 10/Bx 24Bxs/Cs

Comfortable, lightweight,
off-the-face design

1

Adjustable nose clip

2

3M™ High Performance Filter
Media

3



Your challenges

Uncomfortable when worn for long period

1

Lightweight construction promotes greater comfort and contributes to increased wear time.

My face gets sweaty inside the respirator

2

Proprietary 3M™ Cool Flow™ exhalation valve helps to remove your hot exhaled air for a cooler and drier wear and encourages wearer compliance

Not all respirator fits well

3

Mould nose clip to the wearer's nose shape to help reduce eyewear fogging and for a better seal and fit

Our solutions

Recommended application

Utilities



Manufacturing



Construction



Additional features

Coloured straps for easy identification of protection class (blue for P2)

Tested to EN149:2001 and meet requirement of FFP2 standard

Know more about our 3M™ Valved Respirator 8822 P2 10/Bx 24Bxs/Cs

[3M™ Cupped Particulate Respirator 8822, P2, Valved, 240 ea/Case | 3M India](#)



3M™ Cupped Particulate Respirator 9913

3M's 9913, a disposable specialty respirator with type 'G' class rating for handling chemicals with low vapour pressure (below 1.3 Pa @ 25oC).



Your challenges

Working with organic chemicals with low vapor pressure (below 1.3 Pa @ 25degC)

Working in flammable atmosphere

Our solutions

P1 rated filtration efficiency

Galvanised steel nose clip allows use in flammable atmosphere

Goos Fit & Comfortable to use

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

Carbon layer provides protection against nuisance levels of certain gases/vapours (i.e. below Exposure Standards).

Can be used for a wide range of applications from underground coal mines, weed spraying to waste sorting

Know more about our 3M™ Cupped Particulate Respirator 9913

[3M™ Cupped Particulate Respirator 9913, GP1 with Nuisance Level* Organic Vapour Relief, 15/Box, 6 Boxes/Case | 3M](#)



3M™ Particulate Respirator 9000ING (FFP1, BIS), White, 250 ea/Case

The 9000ING respirator is designed to help provide quality, reliable protection against certain non-oil based particles. Its low profile design offers better visibility and compatibility with a wide variety of safety equipment. Vertical flat-fold design offers convenient storage, portability and dispensing



Your challenges

Our solutions

Inconvenient to store

1

Can be folded when not in use and slipped easily into the pocket

Not all respirator fits well

2

Filtering efficiency ranging 80 percent when tested against 0.3-micron sodium chloride particle

Feels uncomfortable over long periods of usage

3

Hypoallergenic material is skin friendly even in high humid conditions

Recommended application

Pharmaceuticals

Manufacturing

Construction



Utilities

Chemical

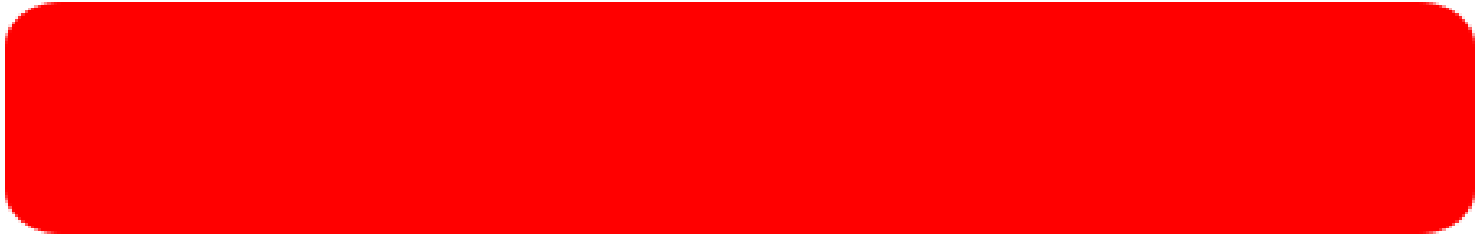
Mining



Additional features

- P1 rated filter, BIS approved.
- Good Fit & Comfortable to use.

Know more about our 3M™ Particulate Respirator 9000ING (FFP1, BIS), White, 250 ea/Case





3M™ Particulate Respirator 9004 (FFP1, BIS), White, 250 ea/Case

The 9004 respirator is designed to help provide quality, reliable protection against certain non-oil based particles. Its low profile design offers better visibility and compatibility with a wide variety of safety equipment. Vertical flat-fold design offers convenient storage, portability and dispensing

Comfortable, lightweight,
off-the-face design

1



2

Adjustable nose clip

3M™ High Performance Filter
Media

3

Your challenges

Inconvenient to store

1

Can be folded when not in use and slipped easily into the pocket

Not all respirator fits well

2

Filtering efficiency ranging 80 percent when tested against 0.3-micron sodium chloride particle

Uncomfortable when worn for long period

3

Our solutions

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

- P1 rated filter, BIS approved
- Good Fit & Comfortable to use.

Know more about our 3M™ Particulate Respirator 9004 (FFP1, BIS), White, 250 ea/Case



3M™ Particulate Respirator 9504IN (FFP2, BIS, Valved), 250 EA/Case

3M™ Particulate Respirator 9504IN. Provides secure and comfortable FFP2 (NPF 12) protection against dusts and mists. BIS approved

Comfortable, lightweight,
off-the-face design

1

3M™ High Performance Filter
Media

3



2

Adjustable nose clip

Your challenges

Uncomfortable when worn for long period

1

Not all respirator fits well

2

Inconvenient to store

3

Our solutions

Lightweight construction promotes greater worker acceptance and may help increase wear time

Two-strap design with welded dual point attachment helps provide a secure seal

Can be folded when not in use and slipped easily into the pocket

Recommended application

Pharmaceuticals



Utilities



Manufacturing



Chemical



Construction



Mining



Additional features

- Meets the performance requirements of the European standard for filtering facepiece dust respirators; EN 149: 2001 FFP2
- BIS approved – FFP2
- Good Fit & Comfortable to Use

Know more about our 3M™ Particulate Respirator 9504IN (FFP2, BIS, Valved), 250 EA/Case



3M™ 6000 Series Gas/Vapor Cartridges and prefilter

Bayonet connection cartridges and prefilters

Trapezoidal Shape with Swept Back design of good view

Color Coded for Easy Visual Identification.



Light weight & easy to install with snug fit..

Your challenges

Not enough G&V range option

Interfere the view due to the cartridge

How many days I can use the same cartridge

Our solutions

1 Different kinds of cartridges for different kinds of gases and vapors.

2 Swept-back design allows an enhanced field of view and comfort

3 Use the 3M Service Life software (3M.com/sls) to develop a cartridge changeout schedule

Recommended application

Pharmaceuticals



Chemical



Manufacturing



Construction



Additional features

Bayonet compatibility allows use with many 3M™ half and full facepieces and certain 3M™ Scott™ full facepieces

Know more about our 3M™ 6000 Series Gas/Vapor Cartridges and prefilter

[3M™ Organic Vapor/Acid Gas Cartridge 6003/07047\(AAD\) | 3M United States](#)



3M™ Half Facepiece Reusable Respirator 6200 Medium

Compatible, convenient respiratory protection

Comfortable soft, lightweight facepiece with easy-to-adjust head straps

NIOSH approved for negative pressure air purifying and supplied air dual airline applications

Your challenges

Heavy to wear

Needs a wide variety of cartridge & filter

Wants to save the cost



Replaceable Spare Parts

Our solutions

1

Remarkably comfortable, soft, lightweight facepiece has easy-to-adjust head straps allow for a customized fit to the user

2

Bayonet compatibility allows use with many 3M™ Bayonet consumables

3

Replaceable cartridges/filters help reduce waste and costs over time.

Recommended application

Pharmaceuticals



Manufacturing



Construction



Chemical



Additional features

Know more about our 3M™ Half Facepiece Reusable Respirator 6200 Medium

[3M™ Half Facepiece Reusable Respirator 6200/07025\(AAD\), Medium, 24 ea/Case | 3M India](#)



3M™ Half Facepiece Reusable Respirator 7502 Medium

Made from a soft silicone and featuring the 3M™ Cool Flow™ Valve for ultimate comfort

Advance silicone material for increased comfort and greater durability

Proprietary 3M™ CoolFlow™ valve helps makes breathing easier

Your challenges

Want more comfort on the face

Product not robust

Sweaty inside



Dual-mode head harness adjusts easily for either standard or drop-down mode

Our solutions

1

Advance silicone material provides a soft feel on the face

2

Advance silicone material for greater durability

3

Proprietary 3M™ CoolFlow™ valve helps makes breathing easier and there is a hole to drain the sweat in chin area.

Recommended application

Pharmaceuticals



Manufacturing



Construction



Chemical



Additional features

NIOSH approved with 3M™ Cartridges 6000 Series, 3M™ Particle

Filters 2000, 2200, 7000 or 5000 Series, or 3M™ Dual Airline

Supplied Air Systems.

Know more about our 3M™ Half Facepiece Reusable Respirator 7502 Medium

[3M™ Half Facepiece Reusable Respirator 7502/37082\(AAD\), Medium, 10 ea/Case | 3M India](#)



3M™ Protecta First Full Body Harness

Affordable Full Body Harness products with EN certification for retail stores

Confined space access
Shoulder retrieval attachment points
Option Available

Added comfort
Waist belt and padded hip / lower back-pack



Multiple attachment points
Front, rear, side D-rings for multiple work positions.

Your challenges

complicated selection

Expensive

Heavy to wear for a day shift

Our solutions

1

Simple selection (out of X SKUs)

2

Affordable and certified to global standard (EN)

3

Light weight

Recommended application

Construction



Manufacturing



Utilities



Chemical



Mining



Additional features

3~5 point adjustments for good fitting
Chest D-ring, Side D-ring for Ladder Climbing system or work positioning application with belt (model specific)

Know more about our 3M™ Protecta First Full Body Harness

[PROTECTA Full Body Harnesses for Personal Safety | 3M India](#)



Affordable Rope Twin Leg Lanyard with EN certification for retail stores

•Pass-thru leg straps

•Two scaffold hooks

1

3

2

12mm polyamide twisted rope



Your challenges

complicated selection

Expensive

Our solutions

1

Simple selection

2

Affordable

3

Dependable and compliant fall protection (EN certified)

Recommended application

Construction



Utilities



Manufacturing



Chemical



Mining



Additional features

Twin lanyard for 100% tie-off
Large scaffold hook

Know more about our 3M™ Protecta First Full Body Harness

[3M™ Protecta® First™ Twin Leg Shock Absorbing Rope Lanyard 1390398, 10 ea/Case | 3M Malaysia](#)



3M™ Protecta Rebel personal Self Retracting Lifeline

3MTM Protecta Rebel personal Self Retracting Lifeline

High strength, corrosion resistant components

1



2

Internal energy absorption system

3

Speed sensing all metal brake system

Your challenges

need shorter fall clearance

1

1.8m FC (Fall Clearance) at overhead anchor

twisting of lanyard leg

2

swiveling top anchor to prevent lifeline twist

3

Our solutions

Recommended application

Construction



Manufacturing



Utilities



Chemical



Mining



Additional features

Self-locking snap hook meeting ANSI with a 16kN Gate strength
Triple action carabiner
Durable 2.5cm polyester webbing to accommodate users up to 140kg

Know more about our 3M™ Protecta Rebel personal Self Retracting Lifeline

[PROTECTA Self-retracting Lifelines for Personal Safety | 3M India](#)