



# PRODUCT CATALOG

07- 863 6548  
CUSTOMER@SIS-SAFETY.COM.MY



**CleanAIR<sup>®</sup>**

**WELDING &  
MANUFACTURING**

# CA-10

## Superior breathing protection with high chemical resistance

This chemically resistant hood ensures respiratory protection and protection of the head, neck and shoulders in the most demanding chemical environments. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of breathing protection.

The hood has increased durability and can be decontaminated because of the light laminated fabric with taped seams. It is still very light and comfortable thanks to the inner antiseptic fabric which absorbs sweat and at the same time creates an additional sealing. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band.

The distance of the visor can be individually set, as well as the perimeter of the headgear. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection,



### PRODUCT DESCRIPTION

Long protective hood CA-10, chemically resistant

### PRODUCT CODE

72 10 03

### TECHNICAL DATA

| PARAMETERS              | SPECIFICATION                                                 |
|-------------------------|---------------------------------------------------------------|
| Weight                  | 220 g                                                         |
| Material                | hood – polyethylene laminated<br>visor - cellulose propionate |
| Colour                  | yellow                                                        |
| Protection factor (NPF) | 500                                                           |
| Hose connection         | QuickLOCK™                                                    |
| Certification           | EN 12941 TH3<br>EN 14594 3A<br>EN 166 1SF                     |

### FEATURES AND BENEFITS

- Superior respiratory protection
- Durable and decontaminable
- Inner antiseptic fabric absorbs sweat and provides extra sealing
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Basic mechanical protection of the eyes
- Practical reflective tab on the top

### AREAS OF APPLICATION

The hood can be used in all environments demanding high durability and chemical resistance. It is suitable for spraying and painting operations as well as for use in the laboratories and pharmaceutical or chemical industries.

### APPROVED COMBINATIONS

CleanAIR®  
Chemical 2F



CleanAIR®  
Chemical 3F



CleanAIR®  
Pressure Flow Master



## CA-1 / CA-2

### Ultralight hood with superior breathing protection

This short light hood is an optimal solution for protection of breath and face in dusty environments where no further mechanical protection is required. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of breathing protection. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headband. The light nylon fabric and spacy cut make it pleasant to wear even for long time work. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection of the eyes.



| PRODUCT DESCRIPTION                | PRODUCT CODE |
|------------------------------------|--------------|
| Short protective hood CA-1, orange | 72 01 02     |
| Short protective hood CA-1, blue   | 72 01 02B    |
| Long protective hood CA-2, orange  | 72 01 03     |
| Long protective hood CA-2, blue    | 72 01 03B    |

| TECHNICAL DATA          |                                              |
|-------------------------|----------------------------------------------|
| PARAMETERS              | SPECIFICATION                                |
| Weight                  | 220 g                                        |
| Material                | hood – nylon<br>visor – cellulose propionate |
| Protection factor (NPF) | 500                                          |
| Hose connection         | QuickLOCK™                                   |
| Certification           | EN 12941 TH3<br>EN 14594 3A<br>EN 166 1SF    |

### FEATURES AND BENEFITS

- Superior breathing protection
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Basic mechanical protection of the eyes
- Practical reflective tab on the top
- Longer option CA-2 covering neck available

### AREAS OF APPLICATION

Suitable for use in the non-toxic dusty environments in the manufacturing industry, wood processing, food industry, mining, agriculture etc.



### LONGER OPTION CA-2 COVERING NECK AVAILABLE



| APPROVED COMBINATIONS                                                               |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CleanAIR®<br>AerGO®                                                                 | CleanAIR®<br>Basic                                                                  | CleanAIR®<br>Pressure Flow Master                                                   |
|  |  |  |

## CleanAIR® Ultimate

A revolutionary concept of an overpressured protective suit for highly contaminated environments.

The system uniquely combines the highest protection level of the full face mask with all the benefits of the ventilated protective coverall.

The CleanAIR® Ultimate coverall is designed solely for use in combination with the headtop CleanAIR Ultimate GX and the powered air purifying respirator CleanAIR® Chemical 2F.

### PRODUCT DESCRIPTION

### PRODUCT CODE

|                                                                                                           |              |
|-----------------------------------------------------------------------------------------------------------|--------------|
| CleanAIR® Ultimate 2500 Protective Coverall - size S/M/L/XL, pack of 20 pcs                               | 90 25 00*/20 |
| CleanAIR® Ultimate GX, size S/M/L, incl. clamp frame, grommets 2pcs                                       | 73 06 01**   |
| CleanAIR® Chemical 2F Asbest – incl. Li-Ion battery, decontaminable hypalon belt, charger, flow indicator | 51 00 00ASD  |

\* Add S/M/L/XL for the required size

\*\* Add S/M/L for the required size

### TECHNICAL DATA

| PARAMETERS                 | SPECIFICATION                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Weight                     | 960 g (including standard battery)                                                                        |
| Dimension                  | 240 mm / 110 mm / 120 mm                                                                                  |
| Airflow                    | adjustable 160 -235 lpm                                                                                   |
| Alarm                      | audio, visual                                                                                             |
| Operation* / charging time | < 10 / < 3 h standard battery<br>< 20 / < 5,5 h Heavy Duty battery                                        |
| Battery                    | Li-Ion 14,4 V / 2,6 Ah (standard)<br>Li-Ion 14,4 V / 5,2 Ah (Heavy Duty)                                  |
| Hose connection            | CA40x1/7"                                                                                                 |
| Certification              | EN 12941 TH3<br>EN 12942 TM3<br>EN1073-1 class 5 (NPF 50,000)<br>Ingress protection <b>IP64/IP65/IP68</b> |

\* at 160 lpm with brand new P R SL filters and fully charged battery

### AVAILABLE FILTER TYPE

| PARTICLES                                                                           | COMBINED - Class 1 | COMBINED - Class 2                                                                  |
|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|
|  | N/A                |  |

### FEATURES AND BENEFITS

- Easy to wear system
- Continuous respiratory protection even during doffing the suit
- The PAPR and filters are completely sheltered by the coverall
- High level of airflow for greater comfort
- Advantageous economical operation

### AREAS OF APPLICATION

- Remediation operations, laboratories, pharmaceutical industry
- First responders and emergency teams
- Biological protection



## CA-20

### Superb optics & uncompromising respiratory protection

The highest optical quality 1/1/1 and superb clarity of vision in both light state and during welding. Wide field of vision thanks to enlarged lens with True Colour feature. CA-20 helmet features enhanced TIG detection optimized down to 1 amp. In-built air distribution system delivers the air right into the breathing zone with possibility of individual adjustment of airflow direction. CA-20 meets the highest standard in respiratory protection.



#### PRODUCT DESCRIPTION

#### PRODUCT CODE

|                                                                                                                                            |             |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Welding hood CA-20 with integrated air distribution, including ADF V9H3 DS and flexi face seal                                             | 70 20 70F   |
| Welding hood CA-20 with integrated air distribution, including ADF V6-B/9-13 GDS and flexi face seal                                       | 70 20 81F   |
| Welding hood CA-20 Plus with integrated air distribution, including ADF V6-B/9-13 GDS, flexi face seal and safety helmet Centurion         | 74 20 81    |
| Ready to weld package of CA-20 DS with CleanAIR® AerGO® Includes standard battery, comfort belt, P R SL filters, QuickLOCK™ and duffel bag | 30 20 70FP  |
| Ready to weld package of CA-20 GDS with CleanAIR® AerGO® Includes HD battery, leather belt, ABEP R SL filters, QuickLOCK™ and duffel bag   | 30 20 81FLH |

#### FEATURES AND BENEFITS

- Superb clarity of vision and the highest optical quality 1/1/1
- Enlarged viewing area 97x68 mm
- True colour display – improved colour perception
- Extended shade adjustment:
  - 6-8 for Oxy and Plasma cutting
  - 8-13 for welding
- Grind mode function
- Fast and easy spare parts replacement
- Advanced air distribution system
- The highest standard in respiratory protection – TH3
- 5 years warranty

#### AREAS OF APPLICATION

Professional welding helmet suitable for all welding methods SMAW, MIG/MAG, TIG and Plasma.

#### TECHNICAL DATA

| PARAMETERS              | SPECIFICATION                                     |
|-------------------------|---------------------------------------------------|
| Weight                  | 800 g                                             |
| ADF dimension           | 110x110 mm                                        |
| Viewing area            | 97x67 mm                                          |
| Hose connection         | QuickLOCK™                                        |
| Certification           | EN 379 1/1/1, EN 175 B, EN 12941 TH3, EN 14594 3B |
| Protection factor (NPF) | 500                                               |

#### APPROVED COMBINATIONS

CleanAIR®  
AerGO®



CleanAIR®  
Basic



CleanAIR®  
Pressure Flow Master



CleanAIR®

CA-20

5

# AerTEC™ RangeMAX

## Broaden your perspective

The most innovative and ergonomical helmet to date, expanding the welder's field of vision without compromising on comfort. The unique nose cut-out floats above the nose to position the ADF closer to the eyes. This enlarges the field of vision 6 times compared to the conventional welding helmets.

Fully automated shade level adjustment for any welding procedure in the 5-12 range. In-built air distribution system delivers the air right into the breathing zone.



### PRODUCT DESCRIPTION

Welding helmet AerTEC™ RangeMAX incl. ADF Optrel with air distribution

### PRODUCT CODE

70.4441.660

### TECHNICAL DATA

| PARAMETERS              | SPECIFICATION                                       |
|-------------------------|-----------------------------------------------------|
| Weight                  | 740 g                                               |
| ADF dimension           | unique specific cut-out shape                       |
| Viewing area            | 6 time wider compared to conventional ADF           |
| Hose connection         | QuickLOCK™                                          |
| Certification           | EN 379 1/1/1/2, EN 175 B, EN 12941 TH3, EN 14594 3B |
| Protection factor (NPF) | 500                                                 |

### FEATURES AND BENEFITS

- 6-times larger field-of-view compared to standard helmets
- AUTOPILOT - fully automatic shade level adjustment within the range 5-12. If preferred, the Autopilot can be deactivated for manual shade level selection 7-12.
- True colour view
- Shade level 2.5 in inactive mode
- New energy concept with Lithium-polymer battery
- Multi-Sensor detection – 5 sensors
- Grind mode function
- In-built air distribution system
- The highest standard in respiratory protection – TH3

### AREAS OF APPLICATION

Any electric arc welding process Electrode Welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Plasmacutting & Oxy-gas Welding / Grinding in Grind Mode. Prohibited for laser welding!

### APPROVED COMBINATIONS

CleanAIR®  
AerGO®



CleanAIR®  
Basic



CleanAIR®  
Pressure Flow Master





## ARES II

### Heavy-duty welding hood

This robust leather welding hood incorporating easily removable safety helmet ensures uncompromising respiratory and upper body protection where the welder's safety is the highest priority. Perfect for application in tight spaces – thanks to compact design and removable safety helmet it allows you to squeeze into spaces where access with conventional helmet is not possible. It is compatible with the airline system CleanAIR® Pressure ARES.



#### PRODUCT DESCRIPTION

#### PRODUCT CODE

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| CleanAIR® Pressure ARES - unit with belt and flow indicator              | 66 00 00  |
| CleanAIR® Pressure ARES - unit only                                      | 66 00 00W |
| CleanAIR® ARES II leather welding hood, visor 110x60, removable hard hat | 71 83 60  |
| CleanAIR® ARES II leather welding hood, visor 110x90, removable hard hat | 71 83 90  |
| Ready to weld package - ARES II, 60 mm visor and Pressure ARES regulator | 66 83 60  |
| Ready to weld package - ARES II, 90 mm visor and Pressure ARES regulator | 66 83 90  |

#### TECHNICAL DATA - HOOD ARES II

| PARAMETERS                | SPECIFICATION                                                          |
|---------------------------|------------------------------------------------------------------------|
| Weight                    | 1 440 g                                                                |
| Material                  | hood – high quality leather<br>welding frame – polyamide               |
| Welding filter dimensions | 110x60 / 110x90 mm                                                     |
| Hose connection           | compatible with MINI DN 5 (CEJN 223)                                   |
| Certification             | EN 14594 - class 3B, EN 166 1B, EN 175, EN 170, EN ISO 11611 - class 2 |

#### TECHNICAL DATA - PRESSURE ARES

| PARAMETERS        | SPECIFICATION                              |
|-------------------|--------------------------------------------|
| Air flow          | adjustable 160–250 lpm                     |
| Inlet pressure    | 400–1 000 kPa                              |
| Weight            | 312 g                                      |
| Inlet connection  | compatible with RECTUS 25, 26 and CEJN 320 |
| Outlet connection | compatible with MINI DN 5 (CEJN 223)       |
| Certification     | EN 14594, class 3B                         |

#### APPROVED COMBINATIONS

CleanAIR®  
Pressure ARES



#### FEATURES AND BENEFITS

- Multiple protection – head, eye, face, respiratory and hearing
- Innovative air distribution ensuring high breathing comfort
- Available with two different sizes of welding filter opening – 110x90 mm and 110x60 mm
- Compatible with auto-darkening or passive filters
- Stable flip-up welding frame
- Resistant against radiant heat and welding spatter – class 2 according to EN ISO 11611
- Individually adjustable airflow in the wide range 160–250 lpm
- Low pressure warning signal

#### AREAS OF APPLICATION

Professional welding hood suitable for all welding methods including TIG, even with very low welding currents, suitable for use in the narrow spaces.



## Welding

CA-20 DS



CA-40



CA-27 YOGA



## Welding & grinding

CA-20 GDS



OptoMAX



RangeMAX



CA-40GW



CA-29



CA-28



AerGO♦



Basic



Pressure  
Pressure FM

ARES II



## Grinding

CA-40G



CA-4



SeeMAX



CA-3



UniMask

## Light headtops

CA-1



CA-2



Pressure ARES



AerGO♦



Basic



Pressure  
Pressure FM

UNITED



INDUSTRIAL SERIES

# INVESTING IN TOMORROW

We do all that we can to make a positive impact within our company, through our products and for our planet, always seeking better ways to meet the demands of today without compromising tomorrow.

This is why a large proportion of our research is devoted to biodegradable products and to developing fibers that have no impact on the environment. Our efforts to reuse and conserve resources in Japan have enabled us to obtain the ISO 14001 certification - a global standard in environmental management that helps us to continually improve our operations.

SHOWA R&D reaches a major breakthrough with ECO BEST TECHNOLOGY® (EBT). EBT accelerates the biodegradation of nitrile in biologically active landfills and anaerobic digesters as validated by independent certified laboratories using internationally recognized test methods. EBT is composed of organic materials designed to make our biodegradable products attractive to microbial activity. These microorganisms upon consuming the EBT material excrete enzymes that depolymerize the nitrile. The final result is biogases and inert humus.



SHOWA  
**NSK24**

## CHEMICAL GLOVE

Engineered to protect hands and arms from tenacious chemicals, oils and abrasions, the NSK 24 is now also available with our revolutionary EBT® technology. The double nitrile coating and cotton interlock liner is a no-brainer choice for wet and greasy applications in the fishing, petro-chemical or agriculture sectors. Did we mention it's 21CFR approved as well? pg. 74



SHOWA  
**728/731**

## CHEMICAL GLOVE

Created with premium-grade polymers and nitrile reinforcement, SHOWA 731 is a flock-lined 15 mil nitrile glove that brings you the pinnacle of tactile precision and high-capacity protection against solvents and acids. Using revolutionary Eco Best Technology®, this mid-forearm gauntlet is designed for multiple uses and a range of applications, from food processing to manufacturing, janitorial to refinery operations. pg. 74



SHOWA  
**707HVO**

## CHEMICAL GLOVE

Crafted with SHOWA's revolutionary Eco Best Technology®, SHOWA 707HVO blends the best of single use and chemical resistant technology to deliver optimum fit, feel and comfort while protecting against chemicals. Its fluorescent orange color makes it an excellent choice for food, janitorial or sanitation environments, or to separate applications on processing floors. pg. 74



SHOWA  
**6110PF/6112PF**

## SINGLE USE GLOVE

The inventors of the world's first single use nitrile glove brings you the world's first biodegradable single use nitrile glove. Regular nitrile gloves cannot attract enough (if any) microbial activity to begin breaking down the polymer's molecular structure, thus leaving the process of reclamation to light, heat, mechanical stress and moisture... unlike the NEW SHOWA 6110PF biodegradable glove. pg. 102-103

NEW  
**7500PF  
7502PF**





## SHOWA 381

Microporous nitrile coating  
over engineered microfiber liner



### BENEFITS:

- Abrasion resistance lasts twice as long as SHOWA 380 (8000 cycles vs 4000)
- Embossed nitrile palm finish disperses oil for increased grip and longevity in light oily environments
- The 0.34mm finger thickness provides an excellent level of tactility and sensitivity
- Microfiber properties boost vapor permeation and enhances breathability for drier, sweat-free hands
- Exceptional suppleness, ultra-comfort and hand fitting thanks to the combination of microfiber and spandex
- A flexible glove designed for easy movement and extended wear
- Seamless knit designed to prevent irritation
- Low lint with microfiber
- No latex allergy risks

### APPLICATIONS:

Transport  
Mechanical  
Logistics  
Construction  
Automotive

### FEATURES

**LINER:** 13 gauge seamless knit engineered microfiber

**COATING:** Microporous nitrile

**GRIP:** Embossed

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag,  
12 dozen per case

| REF. | SIZE   |
|------|--------|
| 381  | 6/S    |
| 381  | 7/M    |
| 381  | 8/L    |
| 381  | 9/XL   |
| 381  | 10/XXL |

**ENHANCED  
BREATHABILITY** +  
BOOST VAPOR  
PERMEATION



**+**  
**INCREASED  
GRIP**  
DISPERSES  
LIQUID AWAY



GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | SINGLE USE

On top of these facts and figures, let's not forget there may be other direct and indirect costs that are often underestimated, or even unknown.

#### Labor costs

- Working time lost by the victim and other employees
- Medical visits after the accident and first aid
- Replacing the employee, including recruitment and training

#### Costs of material losses

- Damage caused to equipment, tools and work in progress
- The use of first aid medication supplies
- Administrative costs
- The time required for inquiries into the causes of the accident

#### Production costs

- Time off work and loss of earnings
- Drops in productivity

#### Commercial costs

- Delays in delivery with possible late delivery fines
- Downturns in the quality of work
- Deterioration of the company's image
- Increases in insurance premiums

#### Other miscellaneous costs

- Fixed costs that are incurred even when there is a stoppage in work
- Transport for the victim
- Any possible legal action
- Punitive costs in the event of legal infringements
- Cost of expertise



BREAKDOWN OF OCCUPATIONAL ACCIDENTS LEADING TO PERMANENT DISABILITY ACCORDING TO THE AREA OF INJURY (France 2011 data)

## A COMPLETE OPTIMIZED RANGE

With the multitude of different public sector and building jobs in mind, SHOWA now offers a range of gloves created entirely around the different applications and needs around each trade of the construction industry. To make it easier to choose the correct glove for the type of application, we have identified a range of trade-specific gloves grouped into 5 main categories of no more than 15 models. This ensures the number of reference materials is optimized and purchase costs are reduced to a minimum, with gloves that meet the specific needs of each different type of work. Grouped by work type, they consider three key factors: work environment, the different hand movements to be performed and the types of protection required.





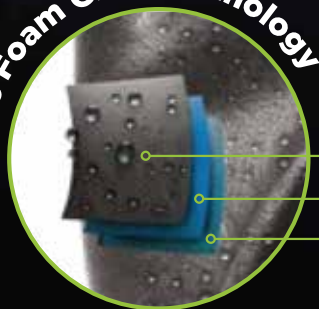
# NITRILE

## SHOWA 377IP

IMPACT PROTECTION, COMBINED  
WITH OIL GRIP & IMPERMEABILITY

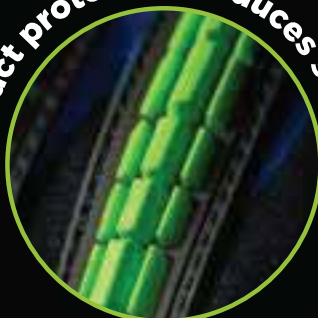
This glove provides impact protection on the most fragile parts of the hand: knuckles, thumb and fingers while combining an excellent premium grip that preserves the wearer from grease and liquids penetration.

Nitrile Foam Grip Technology



NITRILE FOAM  
FILM NITRILE  
LINER

Impact protection reduces shock



**STITCHED  
PROTECTION**

ENHANCES GLOVE'S  
LIFETIME



## SHOWA 406

Full foam Natural Latex coating doubled with Natural Latex on palm coating over nylon outer liner with insulated acrylic/nylon inner liner

**BENEFITS:** Triple protection and comfort improves productivity and reduces cost

- Designed to protect at temperature down to  $-30^{\circ}\text{C}$ , for short or intermittent contact
- Water-repellent surface combined with thermal insulating liner keep hands warm and dry enhancing productivity and allowing for longer work periods
- Aerated material reduces heat loss via conduction and eliminates convection by trapping warm air inside the glove
- Engineered liner and foam Natural Latex moisture permeability dissipate sweat and prevent hands getting cold inside the glove
- Dual latex coating provides high abrasion resistance and comfort in longer use
- Coating technology enhances high level of flexibility and reduces fatigue
- SHOWA ergonomic design for premium fit

### APPLICATIONS:

Winter general purpose  
Construction  
Logistic & warehousing  
Assembly  
Agriculture  
Lawn and garden  
DIY  
Refrigeration

### FEATURES

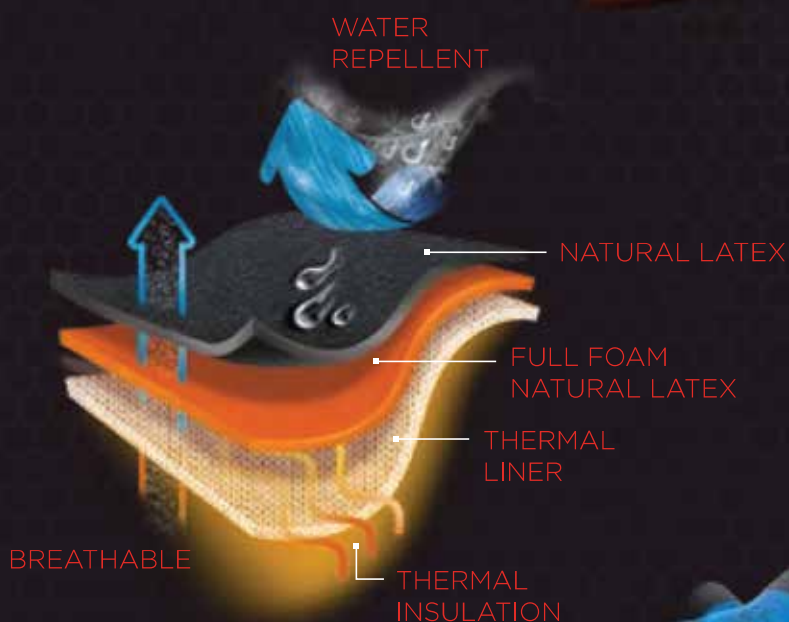
**LINER:** Seamless knit nylon/insulated acrylic, nylon

**COATING:** Natural Latex

**GRIP:** Rough

**PACKAGING:** 6 pair per polybag,  
6 dozen per case.

| REF. | SIZE   |
|------|--------|
| 406  | 7/M    |
| 406  | 8/L    |
| 406  | 9/XL   |
| 406  | 10/XXL |



**+ GENERAL PURPOSE  
VERSION:**

**SHOWA 306** - p.27  
Double latex coating



# 240

Forged with flame and cut-resistant materials, SHOWA 240 is the ultimate armor for arc flash protection in high-risk industries, featuring a 13-gauge seamless knit liner reinforced with Kevlar® and sponge neoprene palm coating inherently flame-resistant.

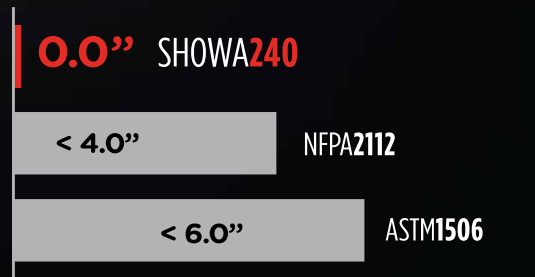


arc thermal protective value  
**9.2** **CAL**

## 0 SECONDS AFTERGLOW TIME

# 2 ARC

**MELT/DRIP  
ZERO**  
SELF EXTINGUISHES



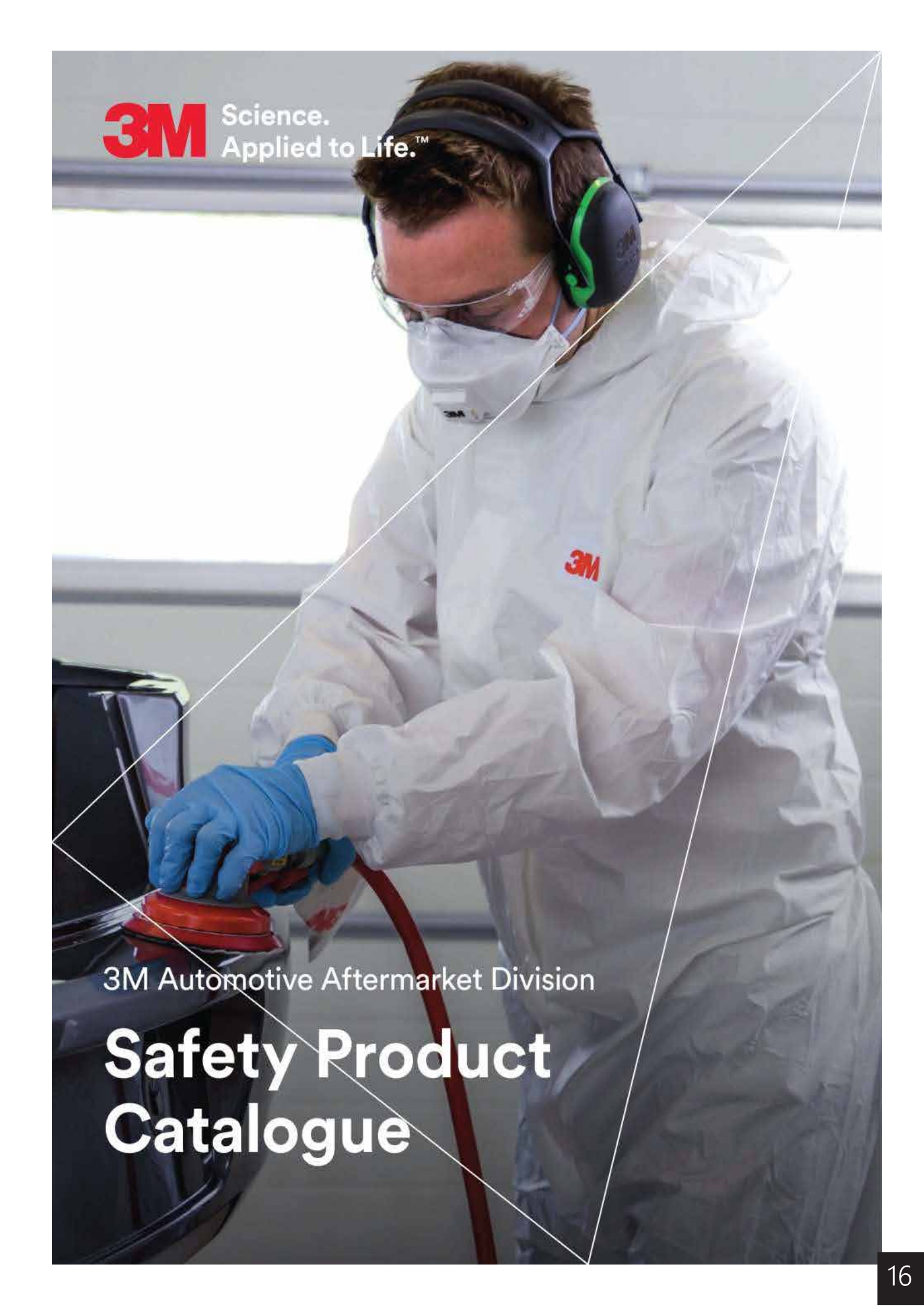
## CHAR LENGTH

### ASTM D6413 STANDARD TEST METHOD FOR FLAME RESISTANCE OF TEXTILES (VERTICAL TEST)

- **Afterflame time:** number of seconds during which there is a visible flame remaining on the fabric.
- **Afterglow time:** the number of seconds during which there is a visible glow remaining on the fabric.
- **Char length:** the length in inches of fabric destroyed by the flame. Pass if less than 6 inches.
- **Melt/drip:** recorded occurrence of melting or dripping, if any.

### ASTM F2675 TEST METHOD FOR RESISTANCE OF TEXTILES FROM ELECTRIC ARC FLASH

- **Arc thermal protective value (ATPV):** the amount of heat (cal./cm<sup>2</sup>) that is sufficient to cause second-degree burn injury, based on the Stoll Curve at 50% probability.
- **Arc rating:** Level 1 > 4 cal./cm<sup>2</sup>, level 2 > 8.0 cal./cm<sup>2</sup>, level 3 > 24.9 cal./cm<sup>2</sup>, level 4 > 40 cal./cm<sup>2</sup>



**3M** Science.  
Applied to Life.™

3M Automotive Aftermarket Division

# Safety Product Catalogue

# Everyday value. All-day comfort

Reliable, value-priced protection against a wide range of non-oily particles.  
Engineered to provide 95% NIOSH filtration efficiency.

## Unvalved N95 Respirators



### 8210 (N95)

Breathe easier! Advanced Electrostatic Media technology enhances particulate capture while reducing breathing resistance. Designed with welded strap attachment for greater durability, soft nose foam, for more comfort and adjustable noseclip to help ensure a secure custom seal.

### 8210Plus (N95) AAD #07048

All the features that make the 8210 one of the most widely used disposable respirators in the industry – with the addition of comfortable braided headbands and staple-free attachment.



### 8110S (N95)

Similar to 8210, but sized for people with smaller faces.



### 9210+ (N95) AAD #37192

A breakthrough in comfort and convenience. This innovatively designed three-panel respirator helps deliver comfortable, reliable worker protection against non-oil based particles.



*Individually packaged*

### 8200 (N95) AAD #07023

Economy without compromise. Includes many of the same features as the 8210.



### 9105 & 9105S (N95)

The economical 3M™ VFlex™ Particulate Respirator's proprietary V-shaped pleats help make breathing easier, expand to provide a comfortable seal, and flex with mouth movement for easier talking. Available in two sizes.



**IMPORTANT:** All 3M products shown in this catalog must be used in accordance with the OSHA regulations and the user instructions, warnings, and limitations accompanying each product.



# 3M™ Reusable Half Face Masks 7502 & 7503

The 7502 & 7503 Respirators by 3M have set a new standard in comfort. This facepiece was designed with the wearer in mind. Its soft sealing surface, along with the unique 3M™ Cool Flow™ Valve, enhances wearer comfort and face fit. Reduced breathing resistance helps to minimise heat build-up in the mask and increases your comfort.

Available in two sizes, 7502 (medium) and 7503 (large), all masks have the 3M™ Bayonet Attachment System offering a broad range of twin lightweight filters to protect against gases, vapours and particulates depending on your individual needs and can also be used with 3M™ Supplied-Air Systems.

## Typical Applications

- Painting
- Spraying
- Coating
- Welding

## Features and benefits:

### Head harness

- Balanced, secure fit
- Reduced pressure and tension points

### Facepiece

- DropDown feature for added convenience during breaks
- Designed for compatibility with 3M head and eye protection
- Soft silicone face piece material for comfort and durability
- Thin nose bridge area for more comfort
- Fully maintainable
- Low weight of 136 gr.

### 3M™ Cool Flow™ Exhalation Valve

- Less exhalation resistance
- Easier breathing
- Less heat and sweat build-up
- Reduces valve vibration
- Downwards flow of exhaled air

### Low-profile design

- Minimises interference with field of view
- Minimised dirt-traps
- Reduced fogging with eye protection
- Sleek look and feel

### Filter connection

- Twin filter design provides lower breathing resistance
- Better weight distribution and more balanced fit
- Improved peripheral vision
- Safe and secure fit
- Optical marking of attachment point
- Flexible system for gas, vapour, particulate filters
- Optional supplied-air connection

### Compatible with:



3M™ 06972  
Supplied Air System

### 3M™ Half Mask 7503 (Large)

Classification: EN140:1998

3M™ Half Mask 7502 – medium (light blue)  
3M™ Half Mask 7503 – large (dark blue)

### Starter Kits Available

3M™ 06772 A1P2 R Respirator Starter Kit – medium  
3M™ 06773 A1P2 R Respirator Starter Kit – large  
3M™ 06782 A2P2 R Respirator Starter Kit – medium  
3M™ 06783 A2P2 R Respirator Starter Kit – large



For filter selection, please see page 20



## 3M™ Reusable Full Face Masks 6800 & 6900

The 3M™ Full Face Masks 6800 and 6900 are simple to handle and comfortable to wear. The exhalation port provides increased durability and is easy to keep clean.

Available in two sizes, 6800 (medium) and 6900 (large), both masks have the 3M™ Bayonet Connection System enabling connection to a broad range of twin lightweight filters to protect against gases, vapours and particulates depending on your individual needs

### Typical Applications

- ▶ Painting
- ▶ Spraying
- ▶ Coating
- ▶ Welding

### Features and benefits:

#### Full face piece

- ▶ Soft, non-allergenic elastomeric face piece
- ▶ Extremely lightweight (400 grams) for high comfort

#### Full face lens

- ▶ Broad field of vision
- ▶ Polycarbonate lens, scratch and impact resistant to EN166:2001 B

#### 4 strap head suspension

- ▶ Easy to put on and take off
- ▶ Well balanced

#### 3M™ Cool Flow™ Exhalation Valve

- ▶ Less exhalation resistance
- ▶ Easier breathing
- ▶ Less heat and sweat build-up
- ▶ Reduces valve vibration
- ▶ Downwards flow of exhaled air
- ▶ Minimised dirt-traps to stay clean
- ▶ Sleek look and feel

#### Filter connection

- ▶ Twin filter design provides lower breathing resistance
- ▶ Better weight distribution and more balanced fit
- ▶ Improved peripheral vision
- ▶ Safe and secure fit
- ▶ Optical marking of attachment point
- ▶ Flexible System for gas, vapour, particulate filters
- ▶ Optional supplied-air connection



#### Compatible with:



3M™ 06972 Supplied Air System

### 3M™ Full Face Mask 6800 (Medium)

Classification: EN136:1998 (Class 1)

Available in two sizes:

3M™ Full Face Mask 6800 – medium  
3M™ Full Face Mask 6900 – large

#### Accessories for 3M™ Full Face Masks

3M™ Face Seal Wipe 105



3M™ Full Face Carry/Storage Bag 107



For filter selection, please see page 20

## SAFETY HELMET *Advantage<sup>®</sup>*

The ADVANTAGE 1 shell is built with an 8 point moulded shock absorbing system. It is lightweight and well balanced, ensuring user's comfort, stability, and performance. It is also equipped with a unique locking system and can be fitted with various PROGUARD<sup>®</sup> harnesses and locking systems. The shell can also be fitted with various PROGUARD<sup>®</sup> accessories through the lateral slots at the side for different usages and needs of the various industries and applications.

The design has gain tremendous popularity both locally and internationally for its modern striking design and was awarded the prestigious Malaysia Good Design Award by Malaysian Design Council.

**PROGUARD<sup>®</sup>**  
Your Ultimate Partner In Safety<sup>®</sup>

***Advantage<sup>®</sup>***



CE EN 361



## Full Body Harness

Model : PG141060-OB

- 1-pc dorsal attachment D-ring.
- Metal buckle type chest strap.
- Adjustable thigh strap.
- Shoulder and thigh straps differentiated by dual colour scheme.
- High visibility orange/black colour.
- Ideally positioned sit strap for extended comfort.
- Comes with PG 0190 MPB Multi Purpose Bag.
- Conform to BS EN361 & SIRIM certification no: PPO71003.
- **DOSH Approval No: JKKP BP 02/17**

| Product Code | Size      | Weight | Packaging                   |
|--------------|-----------|--------|-----------------------------|
| PG141060-OB  | Universal | 820 g  | 1 set/box<br>10 sets/carton |

CE EN 361



## Full Body Harness

Model : PG141061-OB

- 1-pc dorsal attachment D-ring.
- Metal buckle type chest strap.
- Adjustable thigh strap.
- Shoulder and thigh straps differentiated by dual colour scheme.
- High visibility orange/black colour.
- Ideally positioned sit strap for extended comfort.
- Comes with PG 0190 MPB Multi Purpose Bag.
- Conform to BS EN361 & SIRIM certification no: PPO71003.
- **DOSH Approval No: JKKP BP 04/17**

| Product Code | Size      | Weight | Packaging                   |
|--------------|-----------|--------|-----------------------------|
| PG141061-OB  | Universal | 1100 g | 1 set/box<br>10 sets/carton |

CE EN 361



## Full Body Harness

Model : PG141062-OB

- 1-pc dorsal attachment D-ring.
- 2-pcs chest attachment D-ring.
- Adjustable shoulder strap.
- Metal buckle type chest strap.
- Adjustable thigh strap.
- Shoulder and thigh straps differentiated by dual colour scheme.
- High visibility orange/black colour.
- Ideally positioned sit strap for extended comfort.
- Comes with PG 0190 MPB Multi Purpose Bag.
- Conform to BS EN361 & SIRIM certification no: PPO71003.
- **DOSH Approval No: JKKP BP 05/17**

| Product Code | Size      | Weight | Packaging                   |
|--------------|-----------|--------|-----------------------------|
| PG141062-OB  | Universal | 1200 g | 1 set/box<br>10 sets/carton |

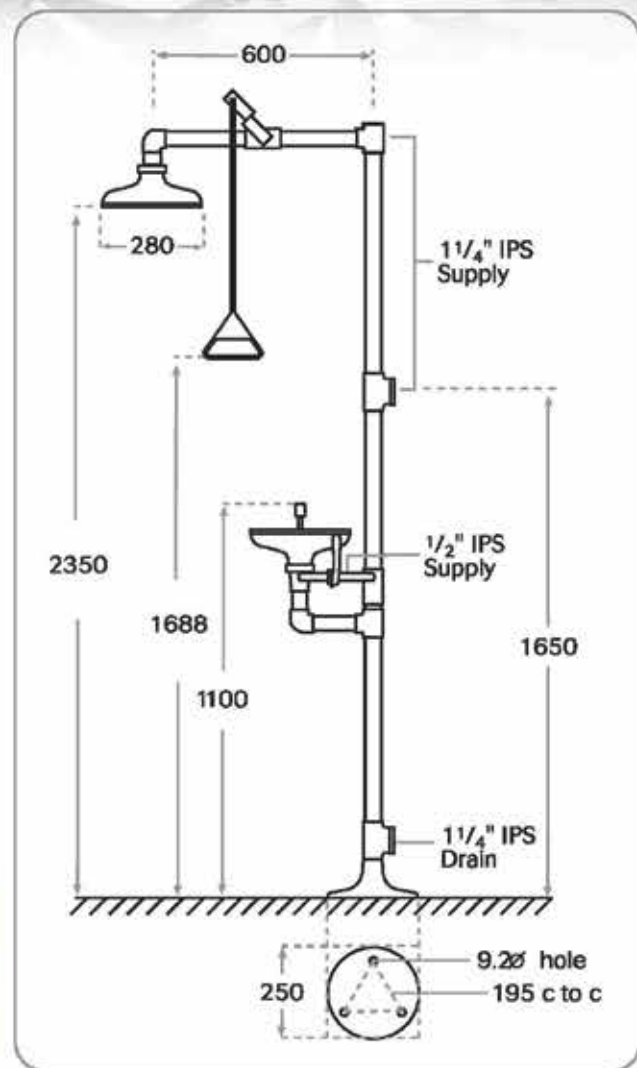
## FLOOR MOUNTED COMBINATION UNIT OF DRENCH SHOWER & EYEWASH WITH PLASTIC BOWL



**ABS Bowl Combination  
Emergency Shower  
& Eyewash**  
Model: PG 10020 AB



**ABS Bowl Combination  
Emergency Shower &  
Eyewash with Foot Pedal**  
Model: PG 10022 AB



Our combination unit of drench and eyewash is popular in workplace where fire and chemical spillages may occur. All control valves are instant action, stay open type of ball valve. This unit comes with or without foot pedal.

### Standard Fixtures:

**Shower & Eyewash Bowl** : 280mm (11") bowl is injection moulded in chemical resistant ABS plastic in bright yellow colour with stainless steel outlet.

**Eyewash Assembly** : Stainless steel with ABS sprayheads assembly with twin, soft-flow eyewash heads and instant flip-open protective dust cover. The built in automatic pressure compensating valve assures safe steady flow under varying water supply conditions. Sprayheads also include a filter to protect user against particles from the water flow which may be damaging to the eyes & face.

**Control Valve** : 1 1/4" fast-action stainless steel ball valve is used for the shower assembly with the stainless steel pull rod. 1/2" fast-action stainless steel ball valve is used for the eyewash assembly with the stainless steel push plate.

**Pedestal** : 250mm (10") aluminium pedestal with 3 mounting holes for 9mm bolts. Pedestal is brightly powder coated in yellow.

**Pipe and Fittings** : 1 1/4" IPS stainless steel pipe epoxy powder coated to bright safety yellow colour.

**Waste** : 1 1/4" IPS

**Water Supply** : 1 1/4" IPS

**Signage** : Drench shower and Eyewash

**Compliance** : ANSI Z358.1-2004

**Pipe Threads** : Pipe threads in accordance to BS 21 or DIN 259 are supplied as standards. NPT pipe threads are also available upon request.

| Product Code | Description                                                     | Packing      |
|--------------|-----------------------------------------------------------------|--------------|
| PG 10020 AB  | ABS Bowl Combination Emergency Shower & Eyewash                 | 1 unit / ctn |
| PG 10022 AB  | ABS Bowl Combination Emergency Shower & Eyewash with Foot Pedal | 1 unit / ctn |

## SPILL CONTROL



### 240 litre Dispenser Spill Kit Cart - Oil Only

Model:  
**SK683838**

These dispenser spill kit carts offer maximum oil & petroleum absorption at a great efficiency no matter on land or water. Hydrophobic polypropylene (repel water) for reliable absorption of oil and petroleum. Absorption capability up to 230 litres.

Contents:

- 1 pc - 240 litre Transporter
- 4 pcs - Oil-only Sorbent Sock BOS-SOC7636 (1pc - able to absorb > 25 litres)
- 8 pcs - Oil-only Sorbent Pillow BOS-PIL4050 (1pc - able to absorb > 9 litres)
- 40 pcs - Oil-only Sorbent Pads BOS-LMT4002 (1pc - able to absorb > 1.45 litres)
- 10 pcs - Hazardous material disposable bags 42" x 52"
- 10 pcs - Cable ties
- 2 pcs - Disposable coveralls
- 2 pcs - Anti-fog goggles
- 2 pcs - Nitrile gloves



### 240 litre Dispenser Spill Kit Cart - Universal

Model:  
**SK293939**

These universal dispenser spill kit carts are applicable for multipurpose usage. Universal sorbents are best for absorbing chemical spills, leaks, & drips. Solvents, coolants or even stronger acids and caustics can be readily absorbed with these sorbents. Absorption capability up to 230 litres.

Contents:

- 1 pc - 240 litre Transporter
- 4 pcs - Universal Sorbent Sock MOS-SOC7636 (1pc - able to absorb > 25 litres)
- 8 pcs - Universal Sorbent Pillow MOS-PIL4050 (1pc - able to absorb > 9 litres)
- 40 pcs - Universal Sorbent Pads MOS-LMT4002 (1pc - able to absorb > 1.45 litres)
- 10 pcs - Hazardous material disposable bags 42" x 52"
- 10 pcs - Cable ties
- 2 pcs - Disposable coveralls
- 2 pcs - Anti-fog goggles
- 2 pcs - Nitrile gloves



### 240 litre Dispenser Spill Kit Cart - Chemical Only

Model: **SK573737**

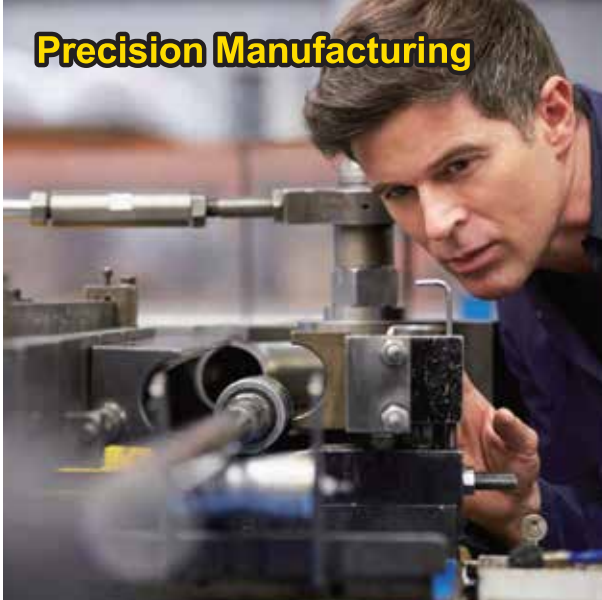
These dispenser spill kit carts are designed for quick response to contain all types of aggressive acids & caustics liquid spills, leaks & drips before migration occurs. Absorption capability up to 230 litres.

Contents:

- 1 pc - 240 litre Transporter
- 4 pcs - Chemical Sorbent Sock HOS-SOC7636 (1pc - able to absorb > 25 litres)
- 8 pcs - Chemical Sorbent Pillow HOS-PIL4050 (1pc - able to absorb > 9 litres)
- 40 pcs - Chemical Sorbent Pads HOS-LMT4002 (1pc - able to absorb > 1.45 litres)
- 10 pcs - Hazardous material disposable bags 42" x 52"
- 10 pcs - Cable ties
- 2 pcs - Disposable coveralls
- 2 pcs - Anti-fog goggles
- 2 pcs - Nitrile gloves

# **TEMO**® *We are serving...*

**Precision Manufacturing**



**Aerospace**



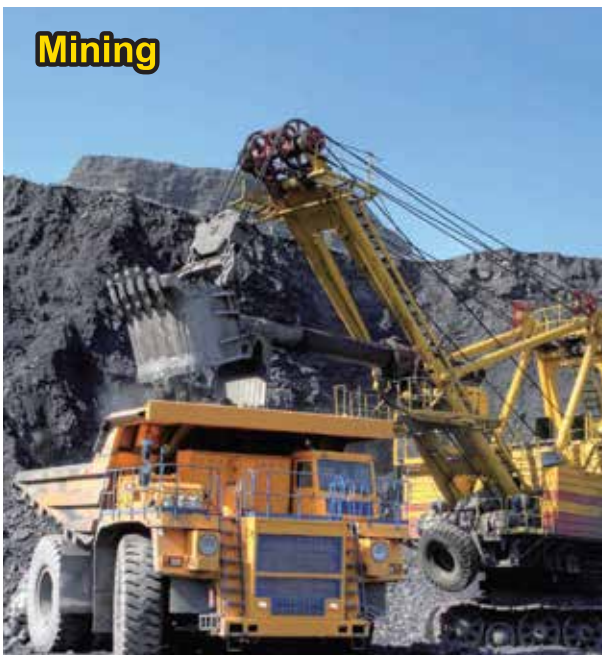
**High-Speed Rail**



**Electric Vehicle**



**Mining**

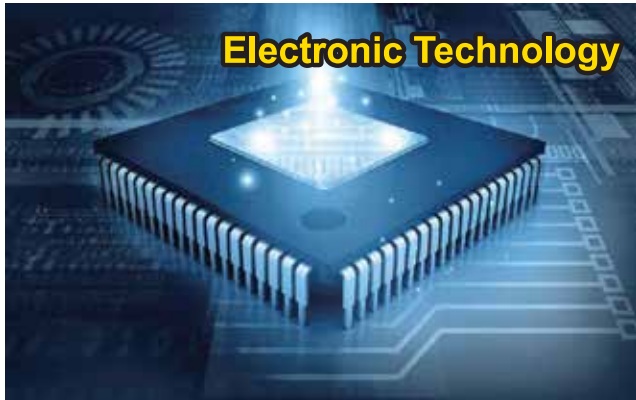


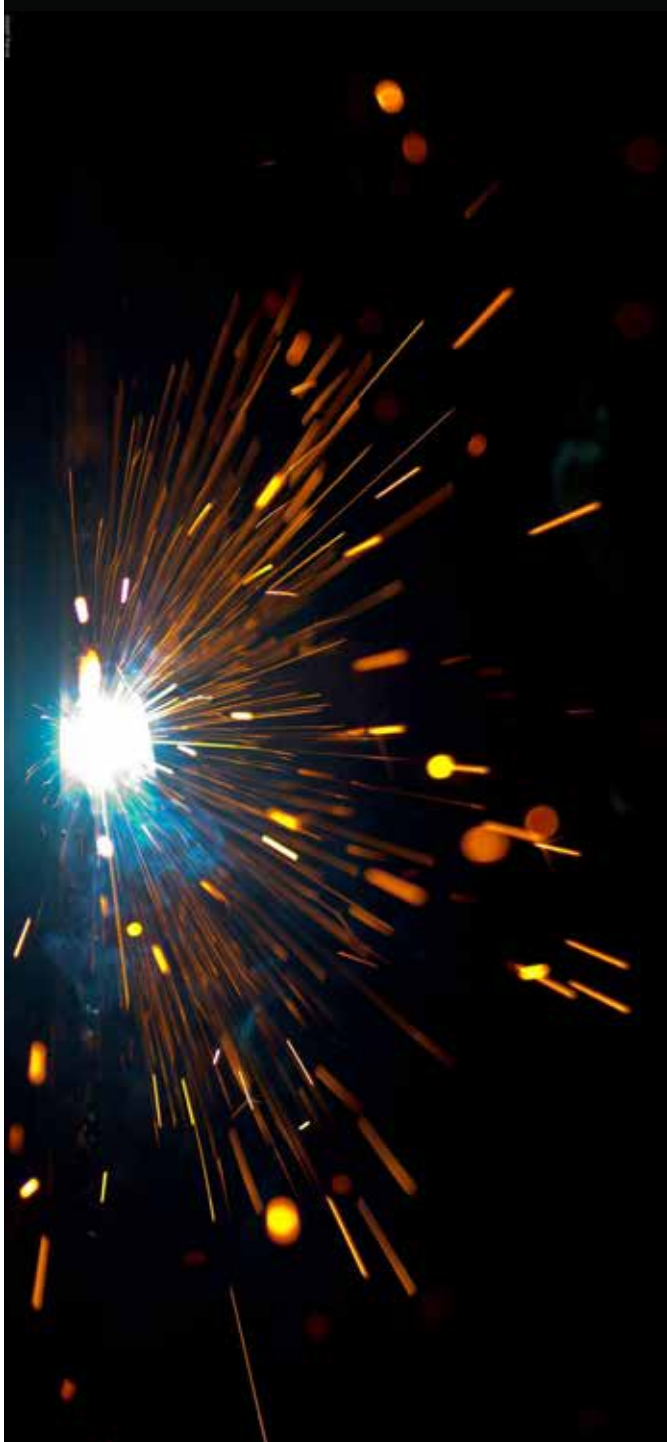
**Military Manufacturing**



**Medical Instruments**







**S. I. S**  
SPEED INDUSTRIAL SUPPLY

 **No 25, Jalan Gaya 27, Taman Gaya, 81800 Ulu Tiram, Johor**

 07-863 6548  customer@sis-safety.com.my  @SIS.COM.MY  www.sis-safety.com.my