





# WHO WE ARE

We Rasool Traders have the pleasure in introducing ourselves as Manufacturers, Exporters & Importers of Gloves & PPE's, Heat Sealing Strapping Rolls, Stretch Films, Pallets Etc., Established in 2003, We are dealing in the field of Safety for the Past two decades. Our dedication, team efforts, customer support, Quality product created high confidence in the buyers. Our infrastructure is strong enough to handle the increasing demand of domestic and international market. The core of Rasool Traders is that we solve the problems faced by our customers by providing them with optimal solutions which has enabled us to forge a strong relationship with our customers.

We are highly appreciated by our valued customers for guiding them in the selection of right type of products & customizing them as per their applications. **Rasool Traders** strongly recommends to select right products for optimization of work safety, maximization of productivity and zero workplace accidents.

We provide our customers with extra services like maintaining inventory for them thereby ensuring timely supplies and reducing our customers storage cost & warehouse space.





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# **RANGE OF PRODUCTS**

Discover our extensive assortment of industrial safety and packaging products, meticulously crafted to safeguard your workforce and ensure product integrity. From protective gear to innovative packaging solutions, we offer everything you need for a safe and efficient workplace.

#### **GLOVES & PPE'S**



**PU COATED GLOVES** 



**GLOVES** 



**CUT RESISTANT GLOVES** (CUTSHIELD)



(CUTMAX)



**GLOVES** 



**FULLY DIPPED NITRILE GLOVES** 



**SEMI DIPPED NITRILE GLOVES** 



**CHEMICAL RESISTANT NITRILE GLOVES** 



**DISPOSABLE NITRILE GLOVES** 





**CRINKLED LATEX COATED GLOVES** 



**CRISS CROSS GLOVES** 



**POLYESTER KNITTED GLOVES** 



**COTTON MILL HAND GLOVES** 





**POLKA DOTTED GLOVES** 



**KEVLAR GLOVES** 



**HEAT RESISTANT GLOVES** 



**SPLIT LEATHER GLOVES** 



**KEVLAR GLOVES** 



**WELDING GLOVES** 



**CUT RESISTANT ARM SLEEVES** 



**COTTON HAND SLEEVES** 



**COTTON APRON** 



**PVC APRON** 































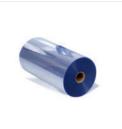
## **INDUSTRIAL & PACKAGING SOLUTIONS**



STRAPPING ROLL



TARPAULIN



PVC FILM



STRETCH FILM



**TAPES** 



LIFTING BELT





CONE BARRICADE



POLE BARRICADE



ROAD BARRICADE



PLASTIC PALLET



**WOODEN PALLET** 





## **PU Coated Gloves (Flexi)**

Light weight Nylon Knitted Seamless Gloves combined with unique polyurethane Palm Coating. Stretch filament yarn offers lint free for less risk of contamination, high sensitivity & lighter construction of the gloves offering greater dexterity for most tactile applications. Open back for excellent breathability & snug fit for lesser hand fatigue. Smooth Grip & improved abrasion resistance for longer use & durability.

PU is flexible, synthetic material with outstanding dexterity, sensitivity, grip & breathability. It has good resistance to abrasion & tear. Beside it is ultra light coating, it is also micro porous & hence PU Coating on seamless liner can evaporate the perspiration & eliminates any sort of discomfort for long usage.

**PU-B-27** 

**Available Sizes: S** 









#### Also Available:



**PU-G-27** 



**PU-W-27** 



## **Application**



**Maintenance** 



**▼** Electronics



**Inspection & Packing** 



Automobile Industries



**☑** Component handling



Clean Room Assembly



**☑** Precision Engineering



**Pharmaceutical Industries** 



# **Nitrile Coated Gloves (NitroFlex)**

Nylon Seamless Knitted Soft Liner combined with unique formulation of Nitrile dipping provides excellent level of comfort& dexterity. The Nitrile coating provides excellent abrasion resistance with superior grip in wet & dry applications. Open back for greater breathability. Stretched Filament yarn ensures low lint, keeping high sensitivity of hands. Snug fit



**Available Sizes: S** 









Also Available:



**NC-B-31** 

NC-G-30



#### **Application**



**☑** Electronics

**Automotive manufacturing &** maintenance

**Aeronautics** 

**☑** Light Engineering Works

**Handling Delicate & Lubricated Components** 



# Cut Resistant Gloves (CutShield)

Cut resistant gloves are composed of Dyneema High Performance fibers, with a polyurethane (PU) coating on the palm and fingers. The PU coating shell provides exceptional cut resistance, increased grip and dexterity, making these gloves ideal for handling sharp objects and materials. The gloves also feature a knit wrist cuff for a snug fit, and are ambidextrous for versatile wear.





CRG-5-G-24



- Automotive Industries
- Glass Industries
- **☑** Cutting & Handling

- Handling Sharp Edged
  Material
- Sheet Metal Handling
- Metal Fabrication



# **Cut Resistant Gloves (CutMax)**

"Advanced Cut Protection Never Felt Before"

This New line of Gloves made with Dyneema cut resistant yarn offers a high degree of unmatched cut protection in harsh work environments. They are lightweight, cool, comfortable, and highly flexible. This yarn is 15 times greater than steel will hold up to a wide range of sharp cutting works. A Special Nitrile black coating provides a high level of cut & abrasion resistance while promoting a sure grip in dry and wet applications. The special coating also helps to extend the useful life of the gloves by not showing strains from wear and thus provides exceptional longevity.

Available Sizes : S M L XL



CRG-5-B-23



- **Electronics**
- Automotive manufacturing & maintenance
- **Aeronautics**
- **☑** Light Engineering Works
- Handling Delicate & Lubricated Components



## **Impact Resistance Gloves** (TuffCut)

Impact cut-resistant gloves are crafted with highperformance Dyneema fibers for superior cut resistance. They also feature impact- resistant padding on critical areas like knuckles and fingers, made from materials like TPR and dense foam. These gloves provide a secure grip with coatings or patterns on the palm and fingers, ensuring protection against sharp objects and impacts while maintaining dexterity.



**Available Sizes:** S









CRG-5-MIG-25



#### **Application**



**☑** Electronics

**Automotive manufacturing &** maintenance

**Aeronautics** 

Light Engineering Works

**Handling Delicate & Lubricated Components** 



# **Fully Dipped Nitrile Gloves** (DipGuard)

Cotton Cut & Sewn Jersey Lined (Supported) Gloves combined with Heavy Duty Nitrile Coating, Smooth Finish coating, Non Smooth Finish or Textured Finish Coating Provides Excellent Grip. Soft jersey lining provides outstanding comfort, even in hot or cold temperatures. Heavy Coating offers more resistance to cuts, punctures, abrasions, snags. In addition it offers protection against solvents, oils & greases, acids & recommended for most Industrial work. The inner liner offers more comfort & breathability to work for longer hours in warm conditions. It offers excellent durability & flexibility for most Industrial & material handling applications.

**ND-32** 

**Available Sizes: S** 













**ND-33** 



- **Automobile Industries**
- **☑** Casting & Cores
- **✓ Steel Plants**
- Steel bars
- Construction

- **Oil Industries**
- Shipping & Warehousing
- **□** Fabrication
- **Engineering Industries**





# **Semi Dipped Nitrile Gloves** (DipGuard)

Cotton Cut & Sewn Jersey Lined (Supported) Gloves combined with Heavy Duty Nitrile Coating, Smooth Finish coating, Non Smooth Finish or Textured Finish Coating Provides Excellent Grip. Soft jersey lining provides outstanding comfort, even in hot or cold temperatures. Heavy Coating offers more resistance to cuts, punctures, abrasions, snags. In addition it offers protection against solvents, oils & greases, acids & recommended for most Industrial work. The inner liner offers more comfort & breathability to work for longer hours in warm conditions. It offers excellent durability & flexibility for most Industrial & material handling applications.



**ND-34** 

**Available Sizes:** S













**ND-35** 

#### **Application**







**☑** Components Assembly



Shipping & Material Handling



**Warehousing** 



Jobin Oily & Wet conditions





**Chemical Resistant Nitrile Gloves** 

(ChemPro)

These heavy duty chemical resistant nitrile gloves is manufactured from premium grade acrylonitrile butadiene compound which has proven durability against solvents, oils, fats and bleaching chemical agents. It has a flock lined interior for comfort. These gloves are specially customised with increased thickness and length for extra safety under extremely hard conditions and also provides longevity with improved dexterity.

Available Sizes: S









Also Available:



CNG-15-05 (14")

#### **Application**



Industrial chemical processing

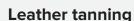
Oil refineries

**Automotive paint shop** 



Laboratory testing







Glue manufacturing



CNG-22-06 (18"





# **Disposable Nitrile Gloves**

Disposable nitrile examination gloves are crafted from a synthetic polymer called nitrile. These gloves offer a reliable and effective barrier against pathogens, chemicals, and contaminants. Nitrile gloves are known for their excellent durability, and flexibility, providing a comfortable fit and tactile sensitivity. These gloves are widely used in medical, laboratory, and industrial settings for their versatile protective properties. With their disposable nature, they are convenient for one-time use, minimizing the risk of cross-contamination

Available Sizes : S M L XL

#### **Application**

Maintenance

**▼** Electronics

Inspection & Packing

**Automobile Industries** 

**☑** Component handling

Clean Room Assembly

✓ Precision Engineering

Pharmaceutical Industries



## **Rubber Hand Gloves**

Rubber hand gloves are manufactured from high-quality rubber compounds, providing a versatile and protective solution for various applications. The rubber material offers excellent resistance to chemicals, acids, and other hazardous substances, making these gloves well-suited for use in laboratories, industrial settings, and healthcare environments. The gloves are designed to provide a secure and comfortable fit, ensuring dexterity and tactile sensitivity. With their durable and flexible nature, rubber hand gloves serve as an essential barrier, shielding the hands from potential harm while allowing for effective handling of tasks in diverse work settings.



**RG-07** 

Available Sizes : 12" 14"

16"



## **Application**



Laboratory testing

**Industrial chemical processing** 

Leather tanning

**☑** Oil refineries

Glue manufacturing

**Automotive** paint shop



# **Crinkled Latex Coated Gloves (LatGrip)**

The gloves made from Nylon or Polyester Yarn makes the gloves lighter, flexible & comfortable to reduce hand fatigue. The natural Latex double coating in Crinkled finish offers superior grip in wet, dry & oily Conditions. Nylon or Polyester liner also makes it exceptionally comfortable. The open back allows breathability.



LC-O-41

**Available Sizes: S** 









Also Available:





LC-G-42

LC-B-43





LC-R-44





- **Assembly**
- Mardware and Hand tools
- **▼** Construction
- Transportation and warehousing
- ✓ Injection moulding and **Castings**
- **Shipping and Receiving**
- General maintenance
- **Electronics**





### **Criss Cross Gloves**

These gloves are made from 100% Polyester Continuous Filament Yarn for extra grip & comfort. These Gloves absorbs the moisture & provide more comfort to the wearer during long period of usage. The less lint makes less or no contamination of the products while handling.

**Available Sizes:** S











**CC-46** 



## **Application**



**Shipping & receiving** 

**Food processing** 

**Light fabrication** 

**Shipping & Port Handling** 

✓ Drilling Rigs & Offshore companies

**✓** Packaging

**Automotive Industries** 

Material Handling



# **Polyester Knitted Gloves**

These gloves are made from 100% Polyester Continuous Filament Yarn, which absorbs the moisture during extended wear and it makes more comfort to the wearer. These Gloves can be customised with Inner Cotton Liner for extra protection, longevity & comfort. The less lint makes less or no contamination of the products while handling.



**NS-12** 

**Available Sizes: S** 









#### **Application**



**Glass Industries** 

**☑** Cutting & Handling

**Mandling Sharp Edged** Material

**Sheet Metal Handling** 

**Metal Fabrication** 





# **Cotton Mill Hand Gloves** (ThermalTex)

Cotton Hand Gloves made from soft and comfortable cotton material are highly breathable and comfortable in wear, even after long periods of time. The gloves are great for handling Material with ease. These gloves can be customised with jute padding & cotton liner for extra protection against thermal heat.

**Available Sizes: S** 













#### **Application**



**Welding Works** 

**Oven Works** 

**M** Hot Component Handling

Mandling Sharp Edged **Material** 

Sheet Metal Handling

**Die Works** 



## **Cotton Knitted Gloves**

Cotton knitted hand gloves are crafted from soft and breathable cotton yarns, providing a comfortable and flexible fit. The knitted construction allows for stretch and dexterity, making these gloves suitable for various light-duty tasks. The cotton material offers good absorbency, keeping hands comfortable during prolonged use. These gloves often feature a seamless design for added comfort and reduced irritation. Cotton knitted hand gloves are commonly used in industries like construction, general labour, and material handling, where protection against abrasions and a comfortable fit are essential.



## **Application**



Inspection & Packing

Automobile Industries

**☑** Component handling

- **☑** Clean Room Assembly
- **Precision Engineering**
- Marmaceutical Industries
- **✓** Automobile Industries





## **Polka Dotted Gloves**

Cotton is a natural fiber & it is soft, supple, with no irritation despite longer wear & absorbs the moisture, making comfortable. These gloves are available in different weight & thickness for various requirements & different cuff length depending on application.

**Available Sizes:** S













**PD-14** 



**PD-13** 



#### **Application**



**Shipping & receiving** 

**Food processing** 

**Light fabrication** 

**Shipping & Port Handling** 

**☑** Drilling Rigs & Offshore companies

**✓** Packaging

**Automotive Industries** 

Material Handling



# **Kevlar Gloves (KevPro)**

Kevlar gloves are crafted from Kevlar aramid fibres, a robust and cut-resistant material known for its exceptional strength. These gloves offer reliable protection against cuts, abrasions, and punctures, making them ideal for various industrial applications. The use of Kevlar ensures durability, while the gloves' flexible design allows for ease of movement and tactile sensitivity. With their high-performance material, Kevlar gloves are a go-to-choice for workers in environments where hand protection is paramount.



Available Sizes: S M





















- **Glass Industries**
- **Cutting & Handling**

- **Mandling Sharp Edged Material**
- **Sheet Metal Handling**
- **Metal Fabrication**



# **Heat Resistant Gloves** (Thermax)

These Multi Layered Heat resistant gloves stitched with kevlar thread are tough enough for heavy-duty jobs, while boasting comfort and dexterity that keep your hands safe from Heat and allow you to focus on the task at hand. These gloves offers excellent cut, abrasion & puncture protection. The inner soft Para Aramid lining gives extra comfort for long periods of wear.

Available Sizes : 12" 14"



**HRG-414** 



#### **Application**

**Automotive Industries** 

Sheet Metal Industries

**Welding Works** 

Oven Works

**☑** Die Works



## **Split Leather Hand Gloves**

Split leather hand gloves are crafted from the split side of animal hides. This type of leather is known for its durability and strength. The exterior, or grain side, is used for smooth leather goods, while the split side, featuring a more fibrous texture, is employed for these gloves. The fibrous side provides enhanced flexibility and comfort, making split leather gloves suitable for various industrial applications. They offer protection against abrasions, punctures, and heat, making them ideal for tasks such as welding, construction, and general heavy-duty work. The gloves are designed to provide a balance between durability and flexibility, ensuring reliable hand protection in demanding environments.

Available Sizes : S M L XL





#### **Application**

**Fabrication** 

prication Welding Works

**Engineering Industries** 

**Oven Works** 

**Automotive Industries** 

**☑** Die Works

**☑** Sheet Metal Industries



## **Aluminised Kevlar Gloves**

Aluminised Kevlar gloves combine the strength of Kevlar aramid fibres with a reflective aluminium coating. The Kevlar material delivers exceptional cut and abrasion resistance, while the aluminium coating provides heat resistance and reflects radiant heat away from the hands. These gloves are particularly suitable for high-temperature environments, such as welding or metalworking, where protection against both cuts and heat is crucial. The aluminised Kevlar gloves offer a robust and versatile solution, ensuring the safety and comfort of the wearer in challenging working conditions.



**HRG-416** 

**Available Sizes: 14"** 

16"

18"

## **Application**



☑ Engineering Industries

**Automotive Industries** 

Sheet Metal Industries

**Welding Works** 

**Oven Works** 

**☑** Die Works





## **Welding Gloves**

Welding gloves are typically crafted from durable leather, providing excellent heat resistance and protection against sparks and splatter generated during welding processes. The gloves often feature reinforced seams and additional insulation to shield the hands from high temperatures and potential burns. Designed for both comfort and safety, welding gloves are a crucial protective gear for welders, ensuring a secure grip and dexterity while safeguarding against the hazards associated with welding activities.

Available Sizes : 14" 16" 18"



**HRG-417** 



#### **Application**



**Engineering Industries** 

**Automotive Industries** 

Sheet Metal Industries

**Welding Works** 

**Oven Works** 

☑ Die Works



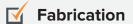
## **Chrome Leather Keylar Gloves**

Chrome leather Kevlar gloves are protective gloves made from a combination of two robust materials: chrome leather and Keylar. The combination of these materials ensures that the gloves offer durability, flexibility, resistance to abrasion, and protection from punctures and cuts. The chrome leather provides comfort and water resistance, while the Kevlar adds strength and abrasion resistance. These gloves are commonly used in heavy-duty applications where a high level of protection is required, such as in construction, manufacturing, and industrial work.



Available Sizes : 12" | 14"

## **Application**



**Engineering Industries** 

Automotive Industries

Sheet Metal Industries

**Welding Works** 

**Oven Works** 

Die Works



# Cut Resistant Sleeves (Cut Armor)

Cut-resistant sleeves are constructed from advanced materials designed to provide robust protection against cuts and abrasions. Typically, these sleeves are made from high-strength Dyneema yarn known for their exceptional tensile strength. The sleeves are engineered with multiple layers of cut-resistant fabric, enhancing their ability to withstand sharp objects. The design prioritizes flexibility and comfort to allow ease of movement while maintaining a high level of protection. Cut-resistant sleeves are essential in various industrial settings where workers face potential risks of cuts or abrasions to the arms.



CRG-5-26



- Automotive Industries
- Glass Industries
- Cutting & Handling

- Handling Sharp Edged
  Material
- Sheet Metal Handling
- Metal Fabrication



## **Kevlar Sleeves**

Kevlar sleeves are crafted from Kevlar, a synthetic aramid fiber renowned for its exceptional strength and heat resistance. This material provides reliable protection against cuts, abrasions, and punctures, making it ideal for various industrial and tactical applications where durability and safety are paramount. Kevlar's lightweight nature also ensures comfort during extended wear.



**KS-57** 



- Automotive Industries
- Glass Industries
- Cutting & Handling

- Handling Sharp Edged
  Material
- Sheet Metal Handling
- Metal Fabrication



## **Cotton Apron**

Industrial cotton aprons are made from heavyduty cotton fabric, providing durability and protection in demanding work environments. The sturdy material enhances resistance to wear and tear, making these aprons suitable for industrial settings where they may encounter rough conditions. The design often includes reinforced stitching for added strength and longevity. Industrial cotton aprons offer a balance between comfort and functionality, providing a protective layer against dust, dirt, and light spills.



CA-71

## **Application**



- **▼** Electronics
- ✓ Inspection & Packing
- **Automobile Industries**

**☑** Component handling

**☑** Clean Room Assembly

✓ Precision Engineering

Pharmaceutical Industries



## **PVC Apron**

PVC aprons are crafted from polyvinyl chloride, a durable and chemical-resistant material. These aprons provide effective protection against liquids, acids, and caustic substances, making them ideal for applications where chemical splash is a concern.

The PVC material is waterproof, ensuring a barrier against various hazards. PVC aprons feature heat-sealed seams to enhance their resistance to liquids. With adjustable straps and comfortable design, PVC aprons are commonly used in industrial settings, laboratories, and other environments where robust protection against chemical splashes and spills is necessary.



**PA-70** 



- **Automotive Industries**
- Glass Industries
- **☑** Cutting & Handling

- Handling Sharp Edged
  Material
- Sheet Metal Handling
- Metal Fabrication



# Kevlar Cut Resistant Apron (KevShield)

The Kevlar cut-resistant apron is crafted from highstrength Kevlar aramid fibres, renowned for exceptional cut and heat resistance. Multiple layers of Kevlar fabric are strategically arranged, reinforced with stitching for durability. This lightweight and flexible apron ensure freedom of movement. The design prioritizes comfort and safety, making it an ideal choice for environments requiring reliable cut protection.





- Automotive Industries
- Glass Industries
- Cutting & Handling

- Handling Sharp Edged
  Material
- Sheet Metal Handling
- Metal Fabrication



## **Chemical Resistant Full Suit**

Chemical-resistant full suits are typically crafted from specialized materials designed to provide a protective barrier against a variety of chemicals and hazardous substances. These suits may feature sealed seams to prevent chemical penetration and closures like snaps for a secure fit. The design aims to cover the entire body, including arms and legs, offering comprehensive protection in environments where exposure to chemicals is a concern. Chemical-resistant full suits are crucial in industrial settings, laboratories, and other workplaces where workers may encounter potentially harmful substances.

## **Application**

**Automobile Industries** 

**☑** Laboratory testing

Industrial chemical processing

Leather tanning

**Oil refineries** 

Glue manufacturing

Automotive paint shop



## **Reflective Jackets**

Reflective jackets are typically made from a combination of high-visibility and reflective materials. The base fabric often consists of polyester or a polyester-cotton blend, offering durability, breathability, and resistance to wrinkles. The key feature is the incorporation of reflective tapes or strips, usually made from retroreflective materials like glass beads or micro-prismatic technology. These reflective elements enhance visibility in low-light conditions, making the wearer more noticeable to others, such as motorists or colleagues. Reflective jackets are commonly used for safety purposes, such as in construction, traffic control, or any situation where increased visibility is crucial for personal safety.



#### **Application**

**Meavy Engineering** 

Construction

**✓** Automobile Industry

M Aviation

Mining

☑ Cement

Metallurgy



# **Chemical Splash Goggles**

Chemical splash goggles are constructed from materials designed to provide a barrier against hazardous liquids and chemicals. The lenses are typically made from impact-resistant materials such as polycarbonate, ensuring durability and protection against splashes. The frames are composed of chemical-resistant plastics. The design often includes indirect ventilation to prevent the entry of liquids while maintaining airflow to minimize fogging. The snug fit contributes to a secure and comfortable wearing experience.



#### **Application**

**Automobile Industries** 

✓ Laboratory testing

Industrial chemical processing

Leather tanning

**Oil refineries** 

Glue manufacturing

Automotive paint shop



# **Safety Goggles**

Safety goggles are crafted from impact-resistant materials, utilizing polycarbonate lenses to provide durability and protection against flying debris, particles, and other hazards. The frames are commonly made from impact-resistant plastics, ensuring structural integrity. The design includes features such as a snug fit, and cushioning for comfort during extended use. It also incorporates anti-fog or scratch-resistant coatings on the lenses to enhance visibility and longevity.



#### **Application**

**✓** Automobile Industries

✓ Laboratory testing

**✓** Industrial chemical processing

**✓** Leather tanning

**Oil** refineries

**☑** Glue manufacturing

Automotive paint shop



# **Safety Helmet**

Industrial safety helmets are manufactured from durable and impact-resistant materials such as high-density polyethylene (HDPE) or acrylonitrile butadiene styrene (ABS). The outer shell of the helmet provides robust protection against impacts, penetration, and electrical hazards, while the inner suspension system, often featuring adjustable straps, helps absorb and distribute impact energy. These helmets include additional features such as ventilation slots for comfort and cooling during prolonged wear.



**Meavy Engineering** 

**✓** Automobile Industry

Mining

Metallurgy

**☑** Construction

**✓** Aviation

☑ Cement





# **Disposable Mask**

Disposable masks are commonly made from multiple layers of non-woven materials such as polypropylene. The outer layers provide durability and act as a barrier against respiratory droplets and larger particles, while the inner layer serves as a filter to capture smaller airborne particles. The mask includes ear loops for securing it over the nose and mouth. Designed for one-time use, disposable masks are convenient for personal and community protection, offering a simple and effective solution to help reduce the spread of respiratory infections.



- M Painting
- Maintenance
- ✓ Automobile
- **Mathematicals**

- **Drilling**
- Mining and Quarrying
- **☑** Petrochemical
- **Textile**
- **Wood Industries**



## N95 Mask

N95 masks are respiratory protective devices made from a special non-woven synthetic material called melt-blown fabric. The outer layers are typically composed of polypropylene, providing durability, while the inner layer consists of the melt-blown material, which effectively filters out airborne particles. The mask is designed to form a tight seal around the nose and mouth, and it includes an adjustable metal nose clip for a secure fit. N95 masks are highly effective in filtering out airborne particles, including viruses and bacteria.



- **Painting**
- **☑** Construction
- **Maintenance**
- ✓ Automobile
- **Pharmaceuticals**

- **☑** Drilling
- Mining and Quarrying
- **☑** Petrochemical
- **Textile**
- **Wood Industries**



# **Respiratory Mask**

A respiratory mask with a cartridge is a protective device designed to safeguard the respiratory system against airborne hazards. The mask body is typically made from durable materials forming a secure seal over the nose and mouth. The integral component is the cartridge, which contains specialized filters or absorbent materials, to capture specific airborne contaminants like gases, vapors, or particulates. Adjustable straps ensure a snug fit, and the mask effectively filters or purifies the air before it is inhaled.



- M Painting
- **☑** Construction
- **™** Maintenance
- Automobile
- **Mathematicals**

- **Drilling**
- Mining and Quarrying
- **☑** Petrochemical
- **Textile**
- **✓** Wood Industries



## **Disposable Head Cap**

Disposable head caps, commonly used in healthcare and certain industries, are typically made from lightweight and breathable materials for comfort and hygiene. The primary material is often non-woven polypropylene, providing a protective barrier against contaminants while allowing airflow. These head caps are designed to cover the hair and prevent the release of particles or hair into sterile environments. Elastic bands or ties secure the cap in place. Disposable head caps are convenient, one-time-use items that contribute to maintaining cleanliness and preventing cross-contamination in environments where hygiene is critical.



- **Mainting**
- **☑** Construction
- **Maintenance**
- **Automobile**
- **M** Pharmaceuticals

- **☑** Drilling
- Mining and Quarrying
- **☑** Petrochemical
- **Textile**
- **Wood Industries**





Test	Performance Level				
	0	1	2	3	4
a) Resistance to convective cold	1>0.1	0.1 <1<0.15	0.15<1<0.2	0.22<1<0.3	0.3 <i< td=""></i<>
b) Resistance to contact cold	R<0.025	0.025 <r<0.05< td=""><td>0.05 &lt; R &lt;0.1</td><td>0.1<r<0.15< td=""><td>0.15<r< td=""></r<></td></r<0.15<></td></r<0.05<>	0.05 < R <0.1	0.1 <r<0.15< td=""><td>0.15<r< td=""></r<></td></r<0.15<>	0.15 <r< td=""></r<>
Permeability to water	Fail	Pass			

(\*Fail: Water penetrated after 30min; Pass: no water penetrated after 30 min)



## **EN 407 Thermal Risk Protection**

Test	Performance Level			
	1	2	3	4
a) Burning behavior	≤ 20	≤10	≤3	≤ 2
after burn (Time sec)				
after glow (Time sec)	<u>N/R</u>	<u>&lt;</u> 120	<u>&lt;</u> 25	<u>&lt; 5</u>
b) Contact heat ( Temp in C after 15 sec)	100	250	350	500
c) Convective heat (heat transfer delay sec)	≤ 4	≤7	≤ 10	≤ 18
d) Radient heat ( heat transfer delay sec)	5	30	90	150
e) Small splashes of molten metal (drop)	<u>≥</u> 5	<u>≥</u> 15	<u>&gt;</u> 25	≥ 35
f) Large splashes of molten metal (g) 30	30	60	120	200

\*N/R - not require



# **EN 60903 Electric Risk Protection**

Class (X)	Tested at Voltage	Approved for work under voltage
00	2500	≥ 500
0	5000	≥ 1000
1	10000	≥ 7000
2	20000	≥ 17000
3	30000	≥ 26500
4	40000	≥ 36000

Category (Y)	Addition Requirement
А	Acid Resistance
Н	Oil Resistance
Z	Ozone Resistance
М	Resistance against high mechanical strain
R	Oil, Ozone and high mechanical strain
С	Resistance against extreme cold

#### EN 12477 Welding Glove





Combination from testing of EN407 And EN388 Type A glove - higher protection against heat Type B glove - lower protection against heat but are more flexible and pliable Gloves are certified compliant with the texts and tests defining the standards indicated for each model as per guidelines.

# CE category Directive 89/686/EEC



# Category I Minor risks Category II Reversible risks

(injury), certified compliant by a notified body.

#### **Category III Irreversible risks**

(corrosion), certified compliant and tested by a notified body whose number is specified.

#### EN 420 General Requirement



The user can consult the instruction for use.

# EN 388 Mechanical Protection



Test	Performance Levels				
	1	2	3	4	5
a) Abrasion resistance (cycle)	>100	>500	>2000	>8000	-
b) Blade cut resistance (index)	>1.2	>2.5	>5	>10.0	>20.0
c) Tear resistance (newton)	>10	>25	>50	>75	-
d) Puncture resistance (newton)	>20	>60	>100	>150	-

#### EN 374 Chemical Protection and Microorganism

EN374-1	(terminology and
	performance requirement)
EN374-2	(resistance to penetration)
EN374-3	(resistance to permeation by chemicals)

# **EN 374-2 Micro-organisms Resistance Glove**



Assess by: Air leakage test or water filling test

AQL Level	1	2	3
	4.0	1.5	0.65

AQL≥2

# **EN 374-3 Low Risk Chemical Protection Glove**



Assess by: Water leak test Water proof but not passing the level required for high risk chemical protection glove.

# **EN 374-3 Low Risk Chemical Protection Glove**



Assess by: Chemical permeation

Breakthrough times more then 30mins (levels 2) for a minimum of 3 specific chemical listed below and water proof. Therefore the letter code of the chemicals can be more than 3 letters and up to 12.

Code	Chemical
А	Methanol
В	Acetone
С	Acetonitrile
D	Dichloromethane
Е	Carbon disulphide
F	Toluene
G	Diethylamine
Н	Tetrahydrofurance
T	Ethyl acetate
J	n-Heptate
K	Sodium hydroxide 40%
L	Sulphuric acid 96%
M	Nitric acid, 65%
N	Acetic acid, 99%
0	Ammonia water, 25%
Р	Hydrigen peroxide, 30%
S	Hydrofluric acid, 40%
Т	Formaldehyde, 37%

