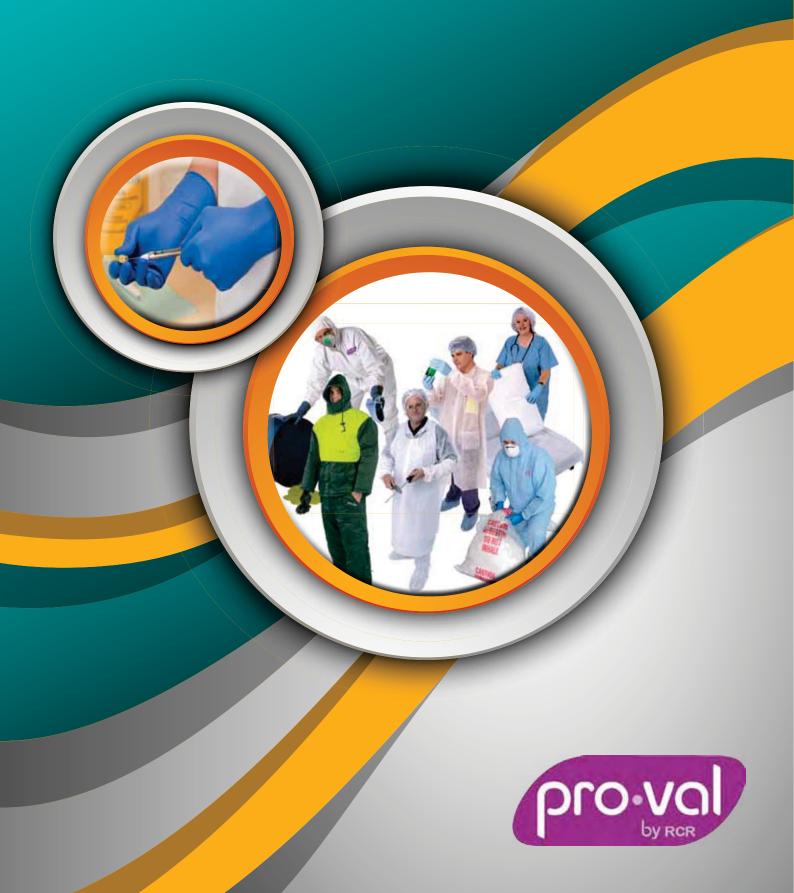
Product Catalogue

January 2014





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RCR's vision:

Splendid service, outstanding brands. Simple.

As brand owners of Pro-Val and De-Solv-it, RCR's focus is to provide the complete package - product, services, knowledge, innovation and support.

We aim to look after things so well, that our customers just get on with their business. All this while keeping things absolutely simple.







HACCP Australia Food Safety Certification



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	by RCR	

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GLOVE MATERIAL PROPERTIES

Gloves are produced from many different materials, each with specific properties for specific applications.

For more detailed information refer to our specific chemical resistance table on pages 41 - 44.

MATERIAL PROPERTIES

Natural Rubber / Latex

- The most elastic material known
- Soft and comfortable to wear
- Excellent tensile strength
- Elasticity brings resistance to abrasion, cuts and tears
- Good resistance to all liquids that mix with water
- Resistant to alkalis, detergents and alcohols
- Not recommended for use with hydrocarbons, including kerosene or petrol
- Allergy: Note that some people can have an allergic reaction to natural latex rubber.
 These people should use a synthetic alternative such as nitrile, neoprene (polychloroprene) or PVC

Nitrile (NBR or Nitrile Butadiene Rubber)

- Synthetic alternative to natural latex rubber
- Excellent resistance to abrasion, cuts and punctures
- Resistant to a broad range of chemicals including petroleum based solvents, oil, grease, acids and caustics
- Suitable for food contact
- Ideal for latex allergy sufferers

Polychloroprene (Neoprene)

- Synthetic alternative to natural rubber latex
- Good elasticity
- Very good tensile strength
- Soft and comfortable to wear
- Resistant to a broad range of oils, acids, caustics, bleaches, detergents and alkalis
- Ideal for latex allergy sufferers
- Neoprene is a trade mark of E.I. du Pont de Nemours and Company

Vinyl (PVC)

- Synthetic thermoplastic polymer alternative to natural latex rubber
- Suitable for food contact
- Excellent resistance to petroleum based hydrocarbons, most oils, acids, fats, alkalis and caustics
- Ideal for latex allergy sufferers

Polyurethane (PU)

- Mainly used as a coating on knitted gloves providing excellent grip
- Excellent resistance to abrasion and tears
- Excellent flexibility and comfort
- Resistant to oils, fats and greases

HPPE Fibre (High-performance-polyethylene)

- Excellent cut resistance, one of the strongest fibres in the world
- Highly resistant to abrasion (15 times more resistant to abrasion than carbon steel)
- Will not absorb water, retaining its properties after laundering or in wet conditions
- Fibres are resistant to a large range of chemicals
- Fibres are resistant to UV radiation and micro-organisms
- Comes in the form of knitted gloves

Twaron®

- Organic, industrial man-made para-aramid fibre
- High tensile strength (5 times stronger than steel)
- High cut resistance
- High temperature resistance
- Fatigue resistant, very little loss of strength during repeated abrasion, flexing and stretching
- Comes in the form of knitted gloves
- Twaron is trade mark of Teijin Twaron® BV

Nylon

- High durability and elongation
- Excellent abrasion resistance
- Highly resistant to mould, mildew and rot
- Comfortable to wear for long periods
- Washable

GLOVE STANDARDS



OCCUPATIONAL

Occupational gloves - selection, use and maintenance AS/NZS 2161.1

Sets out the recommended practices aimed at ensuring gloves are chosen and maintained in a manner to provide adequate protection

Occupational gloves - general requirements

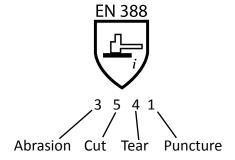
AS/NZS 2161.2 or EN420

Defines:

- Product information and markings
- Glove design and construction
- Resistance of glove material to water penetration
- Comfort and efficiency
- Innocuousness

Occupational gloves - mechanical risks AS/NZS 2161.3 or EN388

Defines four mechanical/physical performance characteristics (abrasion, cut, tear, puncture)



The mechanical/physical risk performance table

(The higher the number, the higher the resistance level)

Test/Performance Level	1	2	3	4	5
Abrasion (cycles)	100	500	2000	8000	-
Cut resistance (index)	1.2	2.5	5.0	10.0	20.0
Tear resistance (N)	10	25	50	75	-
Puncture resistance (N)	20	60	100	150	-

Occupational gloves - protection against chemicals and micro-organisms AS/NZS 2161.10 or EN374

Sets out the permeation and penetration levels chemical permeation is measured in breakthrough time (BTT)

BTT (minutes)	>10	>30	>60	>120	>240	>480
Performance Level	1	2	3	4	5	6

The test chemicals are from 12 classes

Code letter	Chemical	CAS number	Class
	NA allered	67.56.4	D.: laskal
A	Methanol	67-56-1	Primary alcohol
В	Acetone	67-64-1	Ketone
С	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated paraffin
E	Carbon disulphide	75-15-0	Sulphur containing
			organic compound
F	Toluene	108-88-3	Aromatic hydrocarbor
G	Diethylamine	109-89-7	Amine
Н	Tetrahydrofurane	109-99-9	Heterocyclic and ethe
			compound
1	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-85-5	Saturated
			hydrocarbon
K	Sodium hydroxide	1310-73-2	Inorganic base
	(40%)	1310 /3 2	morganic base
L	Sulphuric acid	7664-93-9	Inorganic mineral
	(96%)		acid
	(- 3/0)		



Example pictogram

The three letters indicate three chemical codes from the table where the BTT is level 3 or higher.



Micro-organism penetration is measured in three performance levels:

Performance level	1	2	3
AQL (units)	<4	<1.5	<0.65



EXAMINATION GLOVES

Examination gloves relates to those gloves used for medical, diagnostic and therapeutic procedures, and meeting specific requirements relating to dimensions, watertightness and tensile properties (strength and elongation).

Our examination gloves are listed on the Register of Therapeutic Goods and meet International Standards for Medical Examination Gloves.

Chemoprene

Polychloroprene (Neoprene) Powder free (Details page 8)



Nite Long

Nitrile Extra long cuff Powder free (Details page 12)



Securitex HR

Latex high-risk Extra long cuff Powder free (Details page 9)



WhiteNite

Nitrile Comfortable Powder free (Details page 13)



Securitex PF

Latex Powder free (Details page 10)



Stretch PF

Ultra soft resin vinyl Powder free (Details page 14)



Securitex LP

Latex Lightly powdered (Details page 10)



Stretch Blues

Ultra soft resin vinyl, blue Powder free (Details page 15)



NiteSafe

Nitrile Powder free (Details page 11)



DISPOSABLE GLOVES



The Pro-Val range of disposable gloves are suitable for use in a range of environments and industries, including science laboratories, schools, food processing environments, mechanical workshops and beauty salons.

Look for the HACCP Australia Food Safety Certification for gloves that are accedited for use in the food industry.

SuperSoft

Nitrile Powder free Economy pack of 200 (Details page 16)



All Clear Vinyl Lightly powdered (Details page 20)



Nitrile Blues PF

Nitrile Powder free (Details page 17)



Foodie Blues

Vinyl Lightly powdered (Details page 20)



Nitrile Blax PF

Nitrile Powder free (Details page 18)



Poly Gloves

Polyethylene (Details page 21)



Ecotex

Latex Lightly powdered Economy pack of 200 (Details page 19)



RUBBER GLOVES

The Pro-Val range of rubber gloves are ideal for use in both food handling and processing environments and also for general and industrial cleaning.

Thrifty Yellows

Rubber Flock lined (Details page 22)



Tuff Pinks

Rubber Silver lined (Details page 24)



Process Blues

Rubber Blue lined





HEAVY DUTY - NITRILE & PVC

Pro-Val heavy duty gloves are ideal for use in applications where increased strength and/or chemical resistance is required.

Please refer to our Chemical Resistance Table on pages 41 - 44 for assistance with choosing the appropriate glove material for any chemicals you may be using.

Nitegreen 15

Nitrile Flock lined (Details page 25)



Trojan

Heavy duty PVC Seamless cotton liner (Details page 27)



Nitrile 46's

Nitrile Unlined Elbow length (Details page 26)



COLD STORAGE GLOVES

Pro-Val cold storage gloves are designed to offer increased warmth and protection in very cold or sub zero working environments.

Coldie

Fleece lined Rubber coated palm and thumb (Details page 28)



Thermaliner

Fleece liner (Details page 28)



LINER/SOLO GLOVES

Pro-Val cotton and poly cotton gloves are designed to be used either by themselves, or as a liner inside another glove, such as a reusable rubber glove, where your application or user may require additional comfort or protection.

Also see cut resistant liners on page 7.

Poly C

Polycotton Unbleached (Details page 29)



Interlox

100% Cotton without cuff (Details page 30)



Poly D

Polycotton PVC dotted palm Grey and Purple (Details page 29)



Interlox

100% Cotton with knitted cuff (Details page 30)



INDUSTRIAL GLOVES



Pro-Val industrial gloves offer hand protection, without compromising touch, feel, comfort and dexterity.

With a variety of palm coating choices, the industrial gloves will offer good grip, breathability, precision touch, a good resistance to oils with limited hand fatigue.

Foam Flex

Nylon Foam nitrile palm (Details page 31)



Taipan

Black nylon Latex crinkle palm (Details page 34)



Precision Grey

Nylon, Polyurethane palm coat (Details page 32)



Tiger

Fluro yellow nylon Latex crinkle palm (Details page 34)



Precision Plus

Nylon, with a water based PU palm coat (Details page 33)



Grabbit

Polycotton liner Rubber crinkle palm (Details page 35)



CUT RESISTANT GLOVES

The Pro-Val range of cut resistant gloves have a minimum of level 5 cut resistance.

Cut resistance is measured using AS/NZS 2161.3:2005 or the equivalent European Standard of EN388. Gloves receive 4 ratings - Abrasion, Cut, Tear and Puncture.

PG5 - Level 5 cut resistant

Polyester fibre and glass fibre blend (Details page 36)



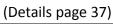
Tufflex - High Level 5 cut resistant

HPPE and glass fibre Nitrile palm coat (Details page 38)



DX5 - Level 5 cut resistant

HPPE and glass fibre Black polyurethane palm coat





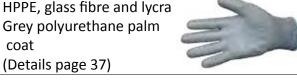
CB5 - Level 5 cut resistant liner

HPPE, glass fibre and polyester nylon (Details page 39)



Dynagrip - Level 5 cut resistant

HPPE, glass fibre and lycra Grey polyurethane palm coat



Fivers - Level 5 cut resistant liner

Twaron® and glass fibre knit (Details page 40)





CHEMOPRENE



Polychloroprene (neoprene) examination gloves.

Chemoprene are incredibly flexible, comfortable and strong. Better elongation and tensile strength than nitrile. Excellent resistance to cytotoxic chemotherapy drugs and many chemicals.

Features

- Polychloroprene (neoprene)
- Extra strength and flexibility
- No breakthrough detected up to 480 minutes against 40% Sulphuric acid, 10% Sodium hydroxide and 50% Nitric acid
- No breakthrough detected up to 120 minutes against cytotoxic chemotherapy drugs, including: Cyclophosphamide, Doxorubicin hydrochloride, 5 - Fluorouracil, Cisplatin, Paclitaxel, Thio-Tepa and Mitomycin. (Carmustine breakthrough detection time was 55 minutes)
- Latex free, ideal for latex allergy sufferers
- Powder free
- Ambidextrous
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- For single use, non sterile

Uses include

- Chemotherapy treatment use with cytotoxic drugs
- Hospitals, medical and diagnostic
- Dental clinics
- Medical instrument cleaning
- Emergency services ambulance, police, fire brigade
- Pharmaceutical and cosmetic industries
- Laboratories
- Hair care
- Tattooists
- Automotive/panel shops

Size and Codes

Small (41073) Medium (41074) Large (41075) X Large (41076)

Packaging

100 pieces per box 10 boxes per carton 1000 pieces



SECURITEX HR





Securitex HR latex gloves are a long cuff, high-risk examination glove.

They are three times thicker than standard latex gloves, with extra long cuffs, making them ideal for the end user who requires more protection.

Features

- Natural rubber latex
- Triple thickness 0.33mm
- Extra long 295mm
- Textured surface enhances wet or dry grip
- Powder free
- On-line chlorinated for easy donning
- Ambidextrous design
- Beaded cuff for extra strength when donning
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical **Examination Gloves**
- **HACCP** Australia Food Safety Certification
- For single use, non sterile

Uses include

- Hospitals, medical and diagnostic
- **Dental clinics**
- Medical instrument cleaning
- Correctional services
- Emergency services ambulance, police, fire brigade
- Pharmaceutical
- Laboratories
- Cosmetic industries
- Hair care and beauty therapists
- Childcare centres
- **Tattooists**
- Food processing and food service

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals

SEE OUR DISPENSERS **ON PAGE 45**

Packaging

50 pieces per box 10 boxes per carton 500 pieces

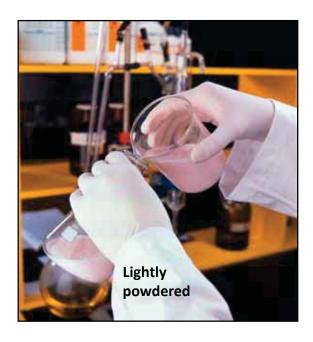
GLOVE

Size and Codes

Small	(41066)	Medium	(41067)
Large	(41068)	X Large	(41069)
XX Large	(41070)		



SECURITEX





Securitex latex examination gloves.

Comfortable and flexible, providing protection and dexterity for the user.



Two variants are available - lightly powdered and powder free.

Features

- Natural rubber latex
- Easy donning
- Textured surface on powder free glove
- Flexible
- Ambidextrous design
- Beaded cuff for extra strength when donning
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- HACCP Australia Food Safety Certification
- For single use, non sterile

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals

Size and Codes - Securitex PF (powder free)

X Small (40080) Small (41004) Medium (41005) Large (41006) X Large (41007)

Size and Codes - Securitex LP (lightly powdered)

X Small (40099) Small (41000) Medium (41001) Large (41002) X Large (41003)

Uses include

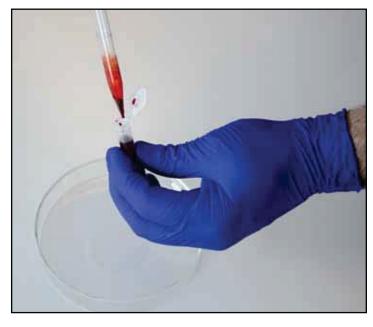
- Hospitals, medical and diagnostic
- Dental clinics
- Emergency services ambulance, police, fire brigade
- Laboratories
- Pharmaceutical and cosmetic industries
- Hair care and beauty therapists
- Graphic arts
- Childcare centres
- Food processing



NITESAFE







Premium nitrile powder free examination gloves.

NiteSafe gloves offer outstanding strength, dexterity and comfort.

They also provide a broad range of chemical resistance, particularly petroleum based chemicals.

Features

- Nitrile
- Strong and extra stretchy
- Excellent barrier where there is greater risk of puncture
- Broad range of chemical resistance, particularly petroleum based chemicals
- Latex free, ideal for latex allergy sufferers
- Powder free
- Textured surface for good grip
- Beaded cuff for extra strength when donning
- Ambidextrous design
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- HACCP Australia Food Safety Certification
- For single use, non sterile

Uses include

- Emergency services ambulance, police, fire brigade
- Hospitals, medical and diagnostic
- Laboratories
- Dental clinics
- Correctional services
- Pharmaceutical and cosmetic industries
- Food handling / processing
- Hair care and beauty therapists
- Graphic arts
- Abattoirs
- Mechanical workshops



Size and Codes

Small (41008) Medium (41009) Large (41010) X Large (41011)



SEE OUR GLOVE

DISPENSERS

ON PAGE 45



NITE LONG



Nitrile powder free examination gloves, extra long 300mm.

Nite Long are extremely strong, while still maintaining great dexterity and feel. They also provide a broad range of chemical resistance, particularly petroleum based chemicals.

Features

- Nitrile
- Extra long 300mm
- Strong and extra stretchy
- Excellent barrier where there is greater risk of puncture
- Broad range of chemical resistance, particularly petroleum based chemicals
- Latex free, ideal for latex allergy sufferers
- Powder free
- Textured surface for good grip
- Beaded cuff for extra strength when donning
- Ambidextrous design
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- HACCP Australia Food Safety Certification
- For single use, non sterile



Uses include

- Emergency services ambulance, police, fire brigade
- Hospital, medical and diagnostic
- Laboratories
- Dental clinics
- Pharmaceutical and cosmetic industries
- Food handling
- Hair care and beauty therapists
- Graphic arts
- Abattoirs
- Mechanical workshops
- Printing industry
- Agriculture/milking glove

Size and Codes

Small (41092) Medium (41093) Large (41094) X Large (41095)



WHITENITE





The most cost effective nitrile examination glove in the Pro-Val range. Incredibly comfortable and dexterous.

Features

- Nitrile
- Powder free
- Ultra thin, provides increased touch and feel
- Extremely comfortable
- Textured finger tips for good grip
- Latex free, ideal for latex allergy sufferers
- Beaded cuff for extra strength when donning
- Ambidextrous design
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- For single use, non sterile

Uses include

- Dental clinics
- Hospital, medical and diagnostic
- Veterinarian
- Emergency services ambulance, police
- Laboratories
- Pharmaceutical and cosmetic industries
- Aged care
- Childcare centres



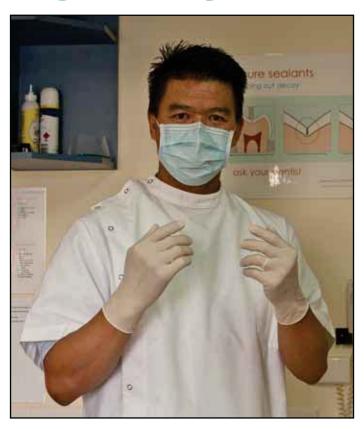
 Size and Codes

 Small (41105) Medium (41106)

 Large (41107) X Large (41108)



STRETCH PF





Vinyl stretch.

The Stretch PF is a new generation, ultra soft resin vinyl examination glove. It looks and fits like latex.

Latex allergy sufferers will benefit from using the Stretch PF vinyl glove.

Features

- Vinyl
- Stretchier than standard vinyl
- Looks and fits like latex
- Latex free, ideal for latex allergy sufferers
- Does not contain DOP or DEHP phthalates
- Powder free
- Ambidextrous design
- Beaded cuff for extra strength when donning
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- HACCP Australia Food Safety Certification

• For single use, non sterile

Uses include

- Hospitals, medical and diagnostic
- Emergency services ambulance, police, fire brigade
- Dental clinics
- Nurses
- Childcare centres
- Pharmaceutical and cosmetic industries
- Food manufacturing and processing
- Cleaning

SEE OUR
GLOVE
DISPENSERS

Size and Codes

Small (41025) Medium (41026) Large (41027) X Large (41028)



STRETCH BLUES







Vinyl stretch.

The Stretch Blues are a new generation, ultra soft resin vinyl examination glove. Looks and fits like latex.

A medical grade glove, and also being blue in colour for easy recognition is ideal in the food processing and handling areas as well.

Latex allergy sufferers will also benefit from using the Stretch Blues vinyl glove.

Features

- Vinyl
- Stretchier than standard vinyl
- Looks and fits like latex
- Latex free, ideal for latex allergy sufferers
- Does not contain DOP or DEHP phthalates
- Powder free
- Beaded cuff for extra strength when donning
- Ambidextrous design
- Listed on the Register of Therapeutic Goods
- Meets International Standards for Medical Examination Gloves
- HACCP Australia Food Safety Certification
- For single use, non sterile



Packaging

100 pieces per box 10 boxes per carton 1000 pieces

Uses include

- Hospitals, medical and diagnostic
- Emergency services ambulance, police, fire brigade
- Dental clinics
- Nurses
- Childcare centres
- Pharmaceutical and cosmetic industries
- Food manufacturing and processing
- Food handling and preparation areas i.e. deli's, sandwich bars, cafés
- Catering
- General industry
- Cleaning

Size and Codes Small (41037) Medium (41038) Large (41039) X Large (41040)





SUPERSOFT



Nitrile, powder free disposable glove.

The SuperSoft nitrile glove offers the wearer outstanding feel, comfort and grip. Blue in colour for easy recognition in food processing and handling areas. The glove is latex free, but provides the dexterity and feel of a latex glove.

Gloves are packaged in boxes of 200 to reduce packaging waste and maximise storage space.

Features

- Nitrile
- Super soft, extremely comfortable
- Latex free, ideal for latex allergy sufferers
- HACCP Australia Food Safety Certification
- Broad range of chemical resistance, particularly petroleum based chemicals
- Textured finger tips for good grip
- On-line chlorinated for easy donning
- Powder free
- Beaded cuff for extra strength when donning
- Ambidextrous design
- Inners bulk value packed in boxes of 200 gloves to reduce packaging waste and maximise storage

Uses include

- Food manufacturing and processing
- Food handling and preparation
- Abattoirs
- Tattooists
- Childcare centres
- Mechanical workshops
- Graphic arts
- Catering



Size and Codes

Small (41086) Medium (41087) Large (41088) X Large (41089) SEE OUR GLOVE DISPENSERS ON PAGE 45

Packaging

200 pieces per box 10 boxes per carton 2000 pieces

NITRILE BLUES PF Provided





Nitrile Blues PF are powder free, nitrile gloves. They are blue in colour for easy recognition in food processing and handling areas.

Strong, durable, with excellent grip, they also offer a broad range of chemical resistance, particularly with petroleum based chemicals.

Latex free makes them ideal for latex allergy sufferers.

Features

- Nitrile
- Strong, durable and comfortable
- On-line chlorinated for easy donning
- Latex free, ideal for latex allergy sufferers
- HACCP Australia Food Safety Certification
- Broad range of chemical resistance, particularly petroleum based chemicals
- Textured surface for good grip
- Powder free
- Beaded cuff for extra strength when donning
- Ambidextrous design

Uses include

- Food manufacturing and processing
- Food handling and preparation
- Catering
- **Abattoirs**
- Hair care and beauty therapists
- Childcare centres
- **Tattooists**
- **Graphic arts**
- Mechanical workshops



Packaging 100 pieces per box 10 boxes per carton 1000 pieces

Size and Codes

Small (41060) Medium (41061)Large (41062) X Large (41063)



NITRILE BLAX PF





Black nitrile gloves.

Strong, durable with excellent grip, Nitrile Blax offer outstanding chemical resistance, particularly with petroleum based chemicals.

Features

- Nitrile
- Latex free, ideal for latex allergy sufferers
- Strong, durable and comfortable
- On-line chlorinated for easy donning
- Powder free
- Broad range of chemical resistance, particularly petroleum based chemicals
- Textured fingertips provide extra grip for wet or dry situations
- Beaded cuff for extra strength when donning
- Black in colour
- Ambidextrous design

Uses include

- Hair care and beauty therapists
- Mechanical workshops
- Graphic arts
- Childcare centres
- Abattoirs
- Automotive / Panel shops
- Cleaning
- General industry
- Window cleaning

Size and Codes

Small (41079) Medium (41080) Large (41081) X Large (41082)





100 pieces per box 10 boxes per carton 1000 pieces

Packaging

ECOTEX





Lightly powdered disposable latex gloves.

Comfortable, flexible, providing great dexterity for the wearer, Ecotex latex gloves are suitable for many general applications.

Gloves are packaged in boxes of 200* to reduce packaging waste and maximise storage space.

Features

- Natural rubber latex
- Easy donning
- Flexible
- HACCP Australia Food Safety Certification
- Beaded cuff for extra strength when donning
- Lightly powdered
- Ambidextrous design
- Inners bulk value packed in boxes of 200 gloves* to reduce packaging waste and maximise storage

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals



Medium Large (41101) X Large* (41102)

Uses include

Graphic arts

Childcare centres

Mechanical workshops

Abattoirs

Tattooists

Cleaning

Size and Codes Small (41099) (41100)

Food manufacturing and processing

Food handling and preparation

Packaging

200 pieces per box 10 boxes per carton 2000 pieces

*X Large

180 pieces per box 10 boxes per carton 1800 pieces





ALL CLEAR & FOODIE BLUES

Lightly powdered disposable blue and clear vinyl gloves.

All Clear are suitable for many general applications and for protection in food and non food areas.

Foodie Blues, blue in colour for easy recognition in the food processing/handling areas.

Latex allergy sufferers will benefit from the vinyl glove.



- Vinyl
- Resist oils, fats, greases and some chemical splashes
- Does not contain DOP/DEHP phthalates
- Latex free, ideal for latex allergy sufferers
- HACCP Australia Food Safety Certification
- Lightly powdered
- Ambidextrous design

Uses include

- Food manufacturing and processing
- Food handling and preparation areas i.e. deli's, sandwich bars, cafés
- Catering
- Cleaning
- General industry

Size and Codes - All Clear

Small (41020) Medium (41021) Large (41022) X Large (41023)

Size and Codes - Foodie Blues

Small (41016) Medium (41017) Large (41018) X Large (41019)

Packaging

100 pieces per box 10 boxes per carton 1000 pieces







POLY GLOVES





The Poly glove is an economical alternative to vinyl gloves for the food industry. Made from polyethylene, it is lightweight and a low cost glove.

Features

- Polyethylene
- Lightweight
- Latex free, ideal for latex allergy sufferers
- HACCP Australia Food Safety Certification
- Easy donning
- Ambidextrous design



Uses include

- Food handling and preparation areas i.e. deli's, sandwich bars, cafés
- Catering
- Cleaning
- Beauty





Size and Codes

Medium (41053#) Large (41054#)



THRIFTY YELLOWS economy

Flock lined rubber, the Thrifty Yellow glove is an economically priced general purpose glove.

Features

- Rubber
- HACCP Australia Food Safety Certification
- Flock lined for greater sweat absorption and comfort
- 30cm glove length
- Non-slip embossed pattern for firm grip
- Lightweight
- Soft, flexible and increased dexterity
- Reusable
- Comfortable to wear
- Conforms to European Council Directive 89/636/EEC relating to (complex design) Personal Protective Equipment after assessment against Standards EN 374, EN 388 and EN 420:2003

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals

Uses include

- Commercial kitchens and laundries
- Industrial and general cleaning
- Hospitality
- Food manufacturing and processing industries
- General manufacturing

Size and Codes

Small (41250) Medium (41251) Large (41252) X Large (41253)

Packaging

12 pairs per inner 144 pairs per carton







Process Blues are blue lined rubber gloves made from FDA compliant materials for contact with food.

They are extensively used within the food processing industry, such as fisheries, meat and poultry works.

Compatible with our internal liners Poly C, Interlox and Thermaliner.

Features

- Rubber
- HACCP Australia Food Safety Certification
- Blue lined
- Thickness 0.45mm
- Special anti-microbial protection to resist bacterial and fungal growth
- Honeycomb grip provides good wet and dry grip
- Food safe blue colour
- Excellent tensile strength
- Tear resistant
- Good resistance to detergents and diluted chemicals.
 Refer to our chart on pages 41-44 for further information on the chemical permeation qualities of the gloves
- Silicon free food, paint and electronics friendly
- Individual hangsell pack
- Reusable
- Conforms to European Council Directive 89/636EEC relating to (complex design)
 Personal Protective Equipment after assessment against Standards EN 374, EN 388 and EN 420:2003

Uses include

- Food manufacturing and processing lines, canneries, fisheries, meat works, poultry works
- Commercial kitchens and laundries
- Hospitality
- General manufacturing
- Hospital kitchens and cleaning applications

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals

Size and Codes 7 - 7.5 (41213) 8 - 8.5 (41215) 9 - 9.5 (41217) 10 - 10.5 (41219)

Packaging

1 pair per poly bag12 pairs per inner144 pairs per carton



TUFF PINKS premium

Silver lined rubber gloves to enable easy on/off glide and eliminate particle shedding from the glove.

Compatible with our internal liners Poly C, Interlox and Thermaliner.



Features

- Rubber
- HACCP Australia Food Safety Certification
- Silver lined
- Thickness 0.50mm
- Special anti-microbial protection to resist bacterial and fungal growth
- Honeycomb grip provides good wet and dry grip
- Excellent tensile strength
- Tear resistant
- Good resistance to detergents and diluted chemicals. Refer to our chart on pages 41-44 for further information on the chemical permeation qualities of the gloves
- Silicon free food, paint and electronics friendly
- Individual hangsell pack
- Reusable
- Conforms to European Council Directive 89/636/EEC relating to (complex design) Personal Protective Equipment after assessment against Standards EN 374, EN 388 and EN 420:2003

Warning: These gloves contain natural rubber latex, and may cause allergic reactions in some individuals

Uses include

- General and industrial cleaning
- Commercial kitchens and laundries

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- Hospitality
- General manufacturing
- Food manufacturing and processing lines, canneries, fisheries, meat works, poultry works



Size and Codes

7 - 7.5 (41205) 8 - 8.5 (41207) 9 - 9.5 (41209) 10 - 10.5 (41211)

Packaging

1 pair per poly bag 12 pairs per inner 144 pairs per carton

NITEGREEN 15









AJK

Nitegreen 15 is a high quality nitrile flock lined glove. Strong, durable and provides excellent resistance to a wide range of chemicals, including petroleum based solvents, oils and greases.

Due to their thickness of 0.38mm they provide excellent protection against abrasion and snags.

Features

- Nitrile
- Latex free, ideal for latex allergy sufferers
- 33cm long
- 0.38mm thickness
- Flock lined to absorb perspiration
- Diamond grip
- Resistant to a broad range of chemicals, particularly petroleum based solvents, oils and greases
- Excellent cut, puncture and abrasion resistance
- Silicon free paint, electronics and food industry friendly
- Individual hangsell pack
- HACCP Australia Food Safety Certification
- Conforms to European Council Directive 89/636/EEC relating to (complex design)
 Personal Protective Equipment after assessment against Standards EN 374, EN 388 and EN 420:2003

Uses include

- Agrochemical industry, chemical handling and processing
- Manufacturing industries using cutting oils, automobile industry, metal treatment and material handling
- Petrochemical and oil refining
- Aerospace industry
- Industrial cleaning
- Printing industry
- Fisheries, poultry, food manufacturing



Packaging

1 pair per poly bag12 pairs per inner144 pairs per carton

Size and Codes

Medium - 8 (41227) Large - 9 (41228) X Large - 10 (41229) XX Large - 11 (41230)



NITRILE 46'S



Nitrile 46's are a high quality nitrile unlined glove, extra long 46cm in length for protection up to the elbow. Strong, durable and provide excellent resistance to a wide range of chemicals, including petroleum based solvents, oils and greases.

Due to their thickness of 0.55mm they provide excellent protection against abrasion and snags.

ELBOW LENGTH (

Features

- Nitrile
- Latex free, ideal for latex allergy sufferers
- Extra long 46cm in length, for protection up to the elbow
- 0.55mm thickness
- Unlined
- Pebble grip
- Resistant to a broad range of chemicals, particularly petroleum based solvents, oils and greases
- Excellent cut, puncture and abrasion resistance
- Silicon free paint, electronics and food industry friendly
- HACCP Australia Food Safety Certification
- Conforms to European Council Directive 89/636/EEC relating to (complex design) Personal Protective Equipment after assessment against Standards EN 374, EN 388 and EN 420:2003

HACCP AUSTRALIA

Uses include





41

- Agrochemical industry, chemical handling and processing
- Manufacturing industries using cutting oils, automobile industry, metal treatment and material handling
- Fisheries, poultry, food manufacturing
- Aerospace industry
- Industrial cleaning
- Commercial deep sink dishwashing
- Printing industry
- Petrochemical and oil refining

Size and Codes

Medium - 8 (41263) Large - 9 (41264) X Large - 10 (41265)

Packaging

1 pair per poly bag12 pairs per inner(sold in inners of 12)72 pairs per carton



TROJAN









The Trojan is made from premium polyvinyl chloride (PVC) and provides excellent protection against many acids, caustics, oils, fats, petroleum based hydrocarbons and alcohols.

It has a seamless cotton liner that provides extreme comfort and perspiration absorption.

An ideal heavy duty industrial work glove, providing advanced feel and grip with extreme flexibility and comfort.

Features

- Premium polyvinyl chloride (PVC)
- Extremely flexible you can curl your fingers in these ones!
- Seamless cotton liner
- Excellent protection against many acids, oils and chemicals
- Wet and dry grip
- Double dipped, plus triple layered between thumb and forefinger
- Rough grip palm
- Protection against abrasions and light cuts
- 30cm length
- Reusable

Uses include

- Mining
- Automotive industry
- Petrochemical and oil refining
- Chemical processing/clean ups
- Fisheries
- Pharmaceutical
- Farming
- Heavy industrial

Size and Codes

9 (41560) 10 (41561)

11 (41562)

Packaging
12 pairs per inner
72 pairs per carton



COLDIE & **THERMALINER**

Freeeeezing! The Coldie is just perfect to keep your hands warm in the colder indoor/outdoor areas, where warmth and dexterity is needed.

The Coldie is a polycotton glove, with brushed fleece lining and latex crinkle finish on palm.

Features

- Polycotton
- Fleece lining to keep your hands warm
- Textured rubber palm coated for firm wet and dry grip
- Rubber protected thumb
- Good grip
- Warm to wear
- Reusable and washable
- Great dexterity is uniquely retained whilst providing snug warmth

Uses include

- Cold storage areas
- Coolrooms
- General warehouses
- Outdoor work in cold weather conditions



Size and Codes

Medium (41514)(41515)Large X Large (41516)



Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton

Size and Code

X Large (41573) The Thermaliner glove is ideal when worn as an under glove for added warmth and comfort in cold working environments.

Features

- Polycotton
- Brush lined for extra warmth
- Keeps hands warm
- Good dexterity when worn as an under glove
- Reusable
- Washable

Uses include

- Cold storage areas
- Freezers
- Fisheries
- Cold weather work

POLY COTTON





The general purpose Poly C is ideal for a dry environment to protect against dirt, dust and fingerprints.

The Poly C glove can also be worn under a rubber or nitrile glove for extra comfort for extended periods, and is good for absorbing perspiration.

Poly D variant is a polycotton glove with a PVC dotted palm for extra grip.

Features

- Polycotton
- Seamless
- PVC dotted palm (Poly D)
- Protects against dirt and dust
- Unbleached
- Reusable and washable

Poly D Grey

Uses include

- **Packing lines**
- Processing and production lines
- Warehouses
- **Dusty environments**



Size and Codes - Poly C

Medium (41501) (41502)Large

Size and Codes - Poly D Purple Large (41504)

Size and Codes - Poly D Grey Large (41620)

Packaging 12 pairs per inner 240 pairs per carton



INTERLOX



Features

- 100% Cotton
- Stitched thumb for extra support
- Available in a knitted cuff, or without cuff (knitted cuff provides a more secure fit)
- Keeps hands warm without losing feel
- Leaves no fingerprints
- Washable
- Lightweight

Uses include

- Warehousing
- Photography
- Pharmaceutical
- Clean environment
- Packing lines
- Under glove in food manufacturing or processing
- General industry

Size and Codes - No Cuff

Medium (41550) Large (41551)

Size and Codes - Knitted Cuff

Medium (41555) Large (41556)

Packaging

12 pairs per inner 600 pairs per carton

FOAM FLEX





Nylon glove with foam nitrile palm.

Foam Flex is ideal for wearing in many industrial applications for extended periods. It is very flexible and cool to wear.

The foam nitrile provides excellent abrasion and tear resistance as well as sound grip and oil resistance on the palm.

Features

- Nylon = breathable and flexible
- Foam nitrile palm coated = good grip.
 Foam feature enhances flexibility
- Foam nitrile = resists abrasions, cuts and punctures. Also resists oil
- Reusable and washable

Uses include

- General industrial workplace applications
- Automotive industry
- Mechanical workshops and assembly lines
- Engineering environments
- Metal and plastics industries

Size and Codes

Small (41541) Medium (41542) Large (41543) X Large (41544)

Packaging

10 pairs per inner (sold in inners of 10) 120 pairs per carton



PRECISION



Precision form fitting gloves are an optimum combination of nylon and polyurethane especially for intricate work requiring finger touch precision. Comfortable and can be worn for long periods.

Features

- Nylon = breathable and flexible
- Polyurethane palm coated = grip and abrasion resistance
- Outstanding dexterity
- Fingertip sensitivity
- Excellent abrasion resistance
- Good tear resistance
- Reusable and washable

Uses include

- Precision instrument work environments, i.e. engineering
- Clean environment
- Pharmaceutical
- Clean packing lines
- Electronics and semiconductor industries

Size and Codes - Grey/Grey

Medium (41535) Large (41536) X Large (41537)

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton

PRECISION PLUS







Precision Plus provides the ultimate in touch, feel, grip and comfort.

A premium version of our Precision glove, it is even more flexible, comfortable and dexterous.

The Precision Plus is made from breathable nylon, which acts as a second skin, allowing prolonged use, less perspiration and hand fatigue. The PU (polyurethane) palm provides great grip.

Features

- Water based polyurethane palm, provides outstanding feel and touch
- Great grip
- Nylon = breathability and flexibility for all day use
- Soft smooth feel
- Increased comfort
- Good abrasion resistance
- Reusable and washable



Uses include

- Precision instrument work environments i.e. engineering
- Machinery and equipment
- Electronics and semiconductor industries
- Pharmaceutical
- Light assembly tasks
- Bricklaying and paving
- Automotive industry
- Mining
- Construction
- Warehouse

Size and Codes

Medium (41608) Large (41609) X Large (41610) XX Large (41611)

Packaging

10 pairs per inner (sold in inners of 10) 120 pairs per carton



TAIPAN & TIGER

The Taipan and Tiger gloves offer outstanding grip, dexterity and feel. Made from premium grade nylon with latex crinkle finish palm.

The high quality nylon used in producing these gloves is extremely breathable and lightweight, keeping hands cooler with less perspiration and fatigue when worn for long periods of time.

Features

- Taipan 13 gauge black premium nylon with black latex palm
- Tiger 13 gauge fluoro yellow premium nylon with grey latex palm
- Provides outstanding grip, dexterity and feel
- Good grip in both wet and dry environments
- Comfortable to wear
- Lightweight and feels like a second skin
- The latex offers water resistant protection on palm
- Manufactured to European standard EN388
- Reusable and washable

Size and Codes - Taipan

Small (41575) Medium (41576) Large (41577) X Large (41578) XX Large (41579)

Size and Codes - Tiger

Small (41590) Medium (41591) Large (41592) X Large (41593) XX Large (41594)

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton





Uses include

- General industrial workplace applications
- Automotive industry
- Mechanical workshops and assembly lines
- Engineering environments
- Roadside workers
- Clean packing lines
- Construction
- Plumbing
- Shipping
- Refuse collection
- Plastic industries
- Bricklaying
- Paving



GRABBIT







The Grabbit is a general purpose polycotton glove with a crinkled rubber palm and thumb for a wide range of uses requiring excellent grip, combined with good wear characteristics.

Features

- Textured rubber crinkle finish.
 Grab and grip power of crinkled rubber palm
- Seamless polycotton liner
- Excellent grip
- Reusable
- Washable
- Flexible and comfortable

Uses include

- Gardening and landscaping industries
- Engineering
- Refuse collection
- General warehousing operations

Size and Codes

Medium (41506) Large (41507) X Large (41508)

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton



PG5





The most cost effective Level 5 cut resistant glove in the Pro-Val range. Provides outstanding dexterity, feel and grip.

The PG5 is constructed from a blend of polyester and glass fibre. These properties give the glove a lightweight and breathable feel, limiting hand fatigue and maximizing comfort and protection.

The PU (polyurethane) palm coating provides excellent grip, sensitivity and a great resistance to oils and greases.

Features

- Cutting index performance Level 5
- Polyester making the glove lightweight
- Polyurethane palm coat for excellent grip, oil and grease resistance
- Outstanding dexterity, touch and feel
- Resistant to abrasions, cuts and tearing
- Reusable and washable

Uses include

- Panel beaters / Automotive industry
- Sheet metal
- Steel works
- Glass
- Mining
- Oil and Gas
- Construction
- General manufacturing
- Plastics
- Warehousing, pick and pack operations
- Roofing and Plumbing

Size and Codes

Medium (41614) Large (41615) X Large (41616) XX Large (41617)

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton



DX5 & DYNAGRIP





The DX5 and Dynagrip gloves provide excellent cut, abrasion and tear resistance.

Constructed from a blend of HPPE (High-performance-polyethylene) and glass fibre with a PU (polyurethane) palm coating. These gloves provide excellent grip, sensitivity and resistance to oils and greases.

Dynagrip offers increased puncture resistance, while the DX5 offers improved dexterity and touch, without compromising the cut, abrasion or tear resistance.

Features

- **HPPE** provides extra strength and cut resistance
- Cutting index performance Level 5
- Lycra added for flexibility in Dynagrip glove
- Polyurethane palm coat for excellent grip, oil and grease resistance
- Highly elastic memory
- Resistant to abrasions, cuts and tearing
- Reusable and washable



Scan QR code to view our Dynagrip glove video

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton

Uses include

- Metal industries
- Warehousing, pick and pack operations
- Automotive industry
- General manufacturing
- Glass
- **Plastics**
- Mining

Size and Codes - DX5

Medium (41596)(41597)Large X Large (41598)XX Large (41599)

Size and Codes - Dynagrip

Medium (41519)(41520)Large X Large (41521)XX Large (41522)



TUFFLEX



Maximum cut resistant protection, with outstanding dexterity.

Tufflex is made from a combination of HPPE (High-performance-polyethylene) and glass fibre, providing extra strength and cut resistance.

Excellent grip in wet or dry working conditions.

Features

- High Level 5 cut resistant, 4 times
 higher than the standard Level 5 cut resistance
- HPPE provides extra strength and cut resistance
- Breathable foam nitrile black palm
- PE lined for added comfort
- Safety orange back for high visibility
- Excellent grip in wet or dry environments
- Achieves the highest abrasion and tear resistance
- Outstanding dexterity and snug fit
- Easy donning
- Lightweight

Uses include

- Sheet metal
- Steel works
- Glass
- Construction
- Engineering
- Automotive industry
- Sharp steel
- General manufacturing
- Mining

Size and Codes

Medium (41582) Large (41583) X Large (41584) XX Large (41585)

Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton

CB5







The CB5 is a Level 5 cut resistant liner glove, specifically manufactured for the food industry.

Made from a combination of HPPE (High-performance-polyethylene), glass fibre and polyester nylon, the CB5 offers a high level of cut resistance protection, along with outstanding abrasion and tear resistance.

The CB5 is re-usable and washable, and will maintain its comfort and protection.

Features

- Tested in accordance with the requirements of EU Commission Regulation 10/2011 for contact with food
- Polyester nylon, creating enhanced dexterity and breathability
- HPPE and glass fibre, provides extra strength
- Cutting index performance Level 5
- Outstanding flexibility and feel
- Highly elastic memory
- High abrasion and tear rating
- Washable and reusable

Uses include

- Food industry
- Abattoirs
- Fisheries and seafood industries
- Commercial kitchens
- Automotive trade
- Catering

Note: For hygiene purposes cut resistant gloves should always be covered with an impervious glove when handling food. Uncovered gloves are for illustrative purposes only.

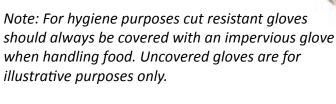
Packaging

10 pairs per inner (sold in inners of 10) 100 pairs per carton

Size and Codes								
Medium	(41602)	Large	(41603)					
X Large	(41604)	XX Large	(41605)					
XXX Large	(41606)							



FIVERS





EN 388

CUT

RESISTANCE

354X

The Fivers are a Level 5 cut resistant glove liner, providing the wearer with advanced cut resistance, while still providing outstanding dexterity and feel.

If the cut resistant gloves you wear now feel like a "hessian bag", then you need the Fivers. Made from high performance Twaron® and glass fibre, the Fivers have your hands covered and protected.

Can also be used as a liner glove, under rubber, nitrile or neoprene gloves to offer increased cut resistant protection.

Features

- Made with high performance Twaron® and glass fibre knit
- Cutting index performance Level 5
- High strength and outstanding flexibility
- Good resistance to abrasions and tears
- Comfortable
- Breathable
- 13 gauge
- Washable and reusable

Uses include

- Food industry
- Abattoirs
- Fisheries and seafood industries
- Commercial kitchens and catering
- Automotive trade
- Glass
- Warehousing pick and pack
- Graphic arts and textiles
- Steel/metal handling

Size and Codes

Medium (41566)Large (41567)X Large (41568)XX Large (41569) XXX Large (41570)

10 pairs per inner (sold in inners of 10) 100 pairs per carton



Chemical Acetaldehyde 50% Acetaldehyde 50% Acetaldehyde 50% Acetaldehyde 50% Acetaldehyde 50% Acetaldehyde 50% Acetaldehyde 50%

	Q.	6	70	7	~
Acetaldehyde 50%	G	N	F	N	N
Acetamide	N	N	F	N	- 1
Acetate solvent	F	F	N	N	- 1
Acetic acid, glacial	G	F	N	N	N
Acetic acid 30%	G	G	Е	F	N
Acetic anhydride I	G	F	G	N	N
Acetone	F	N	F	N	- 1
Acetyl chloride	N	N	N	F	- 1
Acetylene	G	G	G	Е	F
Acrylonitrile	N	N	F	1	- 1
Adipic acid	E	Е	Е	ı	1
Aluminium acetate	Е	G	G		1
Aluminium chloride	E	E	E	E	1
Aluminium fluoride	G	E	E	E	1
Aluminium hydroxide	N	E	E	E	i
Aluminium nitrate	E	E	E	Ī	i
Aluminium potassium sulfate	E	E	E	E	<u>'</u>
Aluminium sulfate	E	E	E	E	E
Amine	G	N	G	N	l N
Ammonia anhdyrous	N	G	G	E	N
Ammonia gas (cold)	E	E	E	- 1	- 1
Ammonia gas (hot)	N	N	G	1	- 1
Ammonia nitrate	1	F	F	G	- 1
Ammonium bifluoride	- 1	E	E	E	- 1
Ammonium carbonate	E	N	E	E	- 1
Ammonium casenite	1	- 1	E	I	- 1
Ammonium chloride	E	G	E	E	N
Ammonium hydroxide	N	N	E	E	- 1
Ammonium nitrate	F	Е	E	E	- 1
Ammonium nitrite	E	Е	E	- 1	- 1
Ammonium oxalate	- 1	I	Е	E	- 1
Ammonium persulfate	Е	N	Е	E	- 1
Ammonium phosphate	Е	Е	Е	E	- 1
Ammonium sulfate	E	Е	Е	Е	- 1
Ammonium thiosulfate	- 1	Е	Е	1	- 1
Amyl acetate	N	N	N	F	N
Amyl alcohol	G	G	G	E	1
Amyl chloride	N	G	N	N	1
Aniline	N	N	N	F	N
Aniline hydrochloride	G	G	N	i	- 1
Animal fats	N	E	G	i	1
Aqua regia (80%HCI, 20%HNO3)	N	N	N	F	·
Antimony trichloride	E	I	F	E	<u>'</u>
Arochlor 1248	N	N	N	E	'
Aromatic hydrocarbons	N	N	N	N	l N
Arsenic acid	G	E	E	E	N
Arsenic trichloride	N	E	E	1	- 1
Asphalt	N	G	F	G	N
Barium carbonate	E	Е	Е	Е	- 1
Barium chloride	E	Е	E	E	G
Barium cyanide	- 1	F	Е	I	I
Barium hydroxide	E	Е	Е	E	N
Barium nitrate	ı	Е	E	G	- 1
Barium sulfate	E	Е	Е	G	- 1
Barium sulfide	Е	Е	Е	E	Е
Beer	E	Е	Е	Е	F
Benzaldehyde	N	N	N	N	N
Benzene	N	N	N	F	N
Benzol	N	N	G	' '	N
Benzyl alcohol	N	N	G	N	N
Benzyl benzoate	N	N	N	IN I	IN
Benzyl chloride	F			'	ı
		N	N		
Benzoic acid	N	N	N	E	- 1

Ch	nem	ical

Bleach (Chlorox)	Chemical	Ober	IIIE	Tene	Par P	2
Brine	Bleach (Chlorox)	N	G	G	E	- 1
Bromine-anhydrous	Boric acid	E	Е	Е	E	Е
Bromine trifluoride	Brine	Е	F	Е	ı	ı
Bromotoluene	Bromine-anhydrous	N	N	N	F	N
Butadiene	Bromine trifluoride	N	N	N	I	- 1
Butane	Bromotoluene	N	N	N	I	ı
Butane	Bunker oil	N	E	N	- 1	I
Buttlen	Butadiene	N	N	N	N	I
Butylene	Butane	N	E	E	F	E
Butyl acetate	Butter	N	E			- 1
Butyl alcohol			_			
Butyl amine						
Butyl benzoate						_
Butyl cellosolve						- 1
Butyl stearate						
Butyric acid	· · · · · · · · · · · · · · · · · · ·					
Calcium acetate E G G I I Calcium bisulfide I E D N N N N N N N N N N N N N N N N N N N I C Calcium hydroxide E E E E E E E E I I Calcium hydroxide I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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Calcium bisulfide I E E F Calcium bisulfite N N E G I Calcium carbonate E E E E E E I Calcium chlorate E E E E E E I </td <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>-</td>				_		-
Calcium bisulfite N N E G I Calcium carbonate E E E E I Calcium chlorate E E E E E I Calcium chloride E E E E E N I E E E D I E E I E E I I E G I N N N N N N N I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Calcium carbonate E E E E I Calcium chlorate E F E E I Calcium chloride E E E E E N Calcium hydroxide E E E E E N <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td>						•
Calcium chlorate E F E E I Calcium chloride E E E E E N Calcium hydroxide E E E E E N Calcium hydroxide E E E E N <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Calcium chloride Calcium hydroxide E E E E E E N Calcium hydroxide E Calcium hypochlorite N N N N N N N N N N N N N						- 1
Calcium hydroxide Calcium hypochlorite N N N N N N N N N N N N N N N N N N N						
Calcium hypochlorite N N N N N Calcium nitrate E E E I E Calcium sulfate F E F E I E Calcium sulfide G E E I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I C Calgon I N				_		
Calcium nitrate E E E I E Calcium sulfide F E F E I E Calgon I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I N						
Calcium sulfate F E F E I E Calgon I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I E E I I I E E I						
Calcium sulfide G E E I E Calgon I E E I I Carbitol N G G I N Carbitol N N N N N N Carbolic acid (phenol) N I I N N N N	** * * * * * * * * * * * * * * * * * * *					
Calgon I E E I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Cane juice Carbitol Carbitol N G G I N Carbolic acid (phenol) Carbon bisulfide N N N N N I Carbon dioxide G Carbon dioxide G Carbon dioxide N N N N N N Carbon dioxide N Carbon dioxide N Carbon tetrachloride N Carbonic acid E Carbon tetrachloride N N N N N I Carbonic acid Carbon tetrachloride N N N N N N N N N N N N N						
Carbitol N G G I N Carbolic acid (phenol) N N N F F I Carbon bisulfide N I I N N N N I I N N N I I N N N I I N N N I I I N N I I I I <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td>				_		
Carbolic acid (phenol) Carbon bisulfide N N N N N N N N N N N N N N N N N N						
Carbon bisulfide Carbon dioxide G N G E F Carbon dioxide G N N N N N N N N N N N N N N N N N N N				_		
Carbon dioxide G N G E F Carbon disulfide N I I N N N I I I N N N I I I N N N I I I N N N I I I N N N I I I N N N I I I N N N I I I N N I						
Carbon disulfide Carbon monoxide E E E G E G Carbon tetrachloride N F N F N F N Carbonic acid E G Carbonic acid E G Carbonic acid E G Callosolve N N N N I I Cellosolve acetate N N N N I Chloric acid I Chlorine (dry) Chlorine (dry) Chlorine dioxide N N N N I I Chlorine dioxide N N N N I I Chloroacetic acid N N N N I I Chloroacetic acid N N N N I I Chlorosulfonic acid N N N N N N N N Chlorosulfonic acid N N N N N N Chromic acid 5% Chromic acid 30% N N N N N N Chromic acid 50% N N N N N N N N N N N Chromic acid 50% N N N N N N N N N N N N N N N N N N						
Carbon monoxide E E G E G Carbon tetrachloride N F N F N F N F N F N N F N N N F N N N N N N I I G G E E N N N N N I I G G E E N N N N I I I I N N N I I I I N N N I I I I I I N N N I				_		
Carbonic acid E G E E N Castor oil F E E I G Cellosolve N N N N I I Cellosolve acetate N N N N I I I N N N I I I N N N N I I I N N N I I I I I N N N I I I N N N I	Carbon monoxide	E	Е	G	E	G
Carbonic acid E G E E N Castor oil F E E I G Cellosolve N N N N I I Cellosolve acetate N N N N I I N N I I N N N I I N N N I I N N N I I I N N N N I I I N N N N I I I N N N N I	Carbon tetrachloride	N	F	N	F	N
Cellosolve N N N I I Cellosolve acetate N N N N I N Chloric acid I N N N N I N N N I I N N N N I	Carbonic acid	Е	G	Е	Е	N
Cellosolve acetate N N N I N Chloric acid I N N N I N N I I N N N I I I Chlorine (dry) N	Castor oil	F	Е	Е	ı	G
Chloric acid I N N I Chlorine (dry) N N F E I Chlorine (wet) N N N F E I Chlorine dioxide N N N N I I I Chloroacetic acid N N N N I I I Chlorobenzene N <td>Cellosolve</td> <td>N</td> <td>N</td> <td>N</td> <td>1</td> <td>ı</td>	Cellosolve	N	N	N	1	ı
Chlorine (dry) N N F E I Chlorine (wet) N N N F E I Chlorine dioxide N N N N I I Chloroacetic acid N N N N I I Chlorobenzene N N N N N N N N Chlorobutadiene N<	Cellosolve acetate	N	N	N	ı	N
Chlorine (wet) N N F E I Chlorine dioxide N N N N I I Chloroacetone N N N N I I Chloroacetic acid N N N N N N Chlorobenzene N N N N N N N Chlorobutadiene N </td <td>Chloric acid</td> <td>- 1</td> <td>N</td> <td>N</td> <td>N</td> <td>ı</td>	Chloric acid	- 1	N	N	N	ı
Chlorine dioxide N N N I I Chloroacetone N N N N I I Chloroacetic acid N <td>Chlorine (dry)</td> <td>N</td> <td>N</td> <td>F</td> <td>Е</td> <td>- 1</td>	Chlorine (dry)	N	N	F	Е	- 1
Chloroacetone N N N I I Chloroacetic acid N N N N G N Chlorobenzene N	Chlorine (wet)	N	N	F	Е	ı
Chloroacetic acid N N N G N Chlorobenzene N E N N E N	Chlorine dioxide	N	N	N	I	- 1
Chlorobenzene N E N N N E N N N N N E N <	Chloroacetone	N	N	N	I	- 1
Chlorobutadiene N N N I I Chloroform N N N N N N Chlorosulfonic acid N E E I I I N N N E N N N E N	Chloroacetic acid	N	N	N	G	N
Chloroform N E N N N N E N	Chlorobenzene	N	N	N	N	N
Chlorosulfonic acid N E N N N E N	Chlorobutadiene	N	N	N	T	T
Chlorotoluene N N N I N Chocolate syrup N E E I I Chromic acid 5% G N N E N Chromic acid 10% N N N N E N Chromic acid 30% N N N N N N F N Chromic acid 50% N N N N F N Cinnamon oil I I I N I I Citric acid E E E G N Citric oils E E N I I	Chloroform	N	N	N	N	N
Chocolate syrup N E E I I Chromic acid 5% G N N E N Chromic acid 10% N N N N E N Chromic acid 30% N N N N N G N Chromic acid 50% N N N N F N Cinnamon oil I I I N I I Citric acid E E E G N Citric oils E E N I I	Chlorosulfonic acid	N	N	N	N	N
Chromic acid 5% G N N E N Chromic acid 10% N N N E N Chromic acid 30% N N N N G N Chromic acid 50% N N N N F N Cinnamon oil I I I N I I Citric acid E E E G N Citric oils E E N I I	Chlorotoluene	N	N	N	I	N
Chromic acid 10% N N N E N Chromic acid 30% N N N N G N Chromic acid 50% N N N F N Cinnamon oil I I N I I Citric acid E E E G N Citric oils E E N I I	1 1	N	Е	Е	I	- 1
Chromic acid 30% N N N G N Chromic acid 50% N N N F N Cinnamon oil I I N I I Citric acid E E E G N Citric oils E E N I I	Chromic acid 5%	G	N	N	E	N
Chromic acid 50% N N N F N Cinnamon oil I I N I I Citric acid E E E G N Citric oils E E N I I		N	N	N	E	N
Cinnamon oil I I N I I Citric acid E E E G N Citric oils E E N I I						
Citric acid E E E G N Citric oils E E N I I	Chromic acid 50%	N	N	N	F	N
Citric oils E E N I I						
Clove oil I E N I I						
	Clove oil	I	E	N	I	

SYMBOLS

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a)	Mittile PAC				
Chemical	Rubbet	Mittile	Diet	DIC.	20
Cobalt	E	E	رة E	C	
Coconut oil	N	E	G	ı	
Cod liver oil	N	E	G	ı İ	<u>'</u>
Coffee	E	E	E	i	i
Coke oven gas	N	N	N	i	N
Copper acetate	E	G	G	i	ı
Copper chloride	E	E	G	E	i
Copper cyanide	E	E	E	E	E
Copper fuoborate	E	G	E	E	
Copper nitrate	1	E	E	G	i
Copper sulfate	F	E	E	E	G
Corn oil	N	E	F	1	G
Cottonseed oil	N	F	F	i	G
Creosote (coal tar)	N	F	F	i	F
Cresol	N	N N	N	N N	N
Cresylic acid	N	N	N	F	N
Cumene	N	N	N	i i	N
Cyanic acid	1	F	F	·	1
Cyclohexane	N	G	N	N	G
Cyclohexanol	N	F	G	1	G
Cyclohexanone	N	N	N	i	N
P-cymene	N	N	N	i	ı
Decalin	N	N	N	i	i
Denatured alcohol	E	E	E	i	i
Detergent solution non-hydrocarbon	G	E	G	E	N
Diacetone	N	N	N	ı	N
Diacetone alcohol	N	N	N	i	N
Dibenzyl ether	N	N	N	i	G
Dibutyl amine	N	N	N	i	ı
Dibutyl ether	N	N	N	i	F
Dibutyl phthalate	N	N	N	i	N
Dibutyl sebecate	N	N	N	i	N
Dichlorobenzene	N	N	N	i	N
Dichloroethane	N	1	N	N N	1
Dichloro-isopropyl ether	N	N	N	1	<u> </u>
Diesel oil	N	E	F	E	F
Diethylamine	G	F	F	N	F
Diethylamine benzene	N	N	N	1	<u> </u>
Diethyl either	N	N	F	i	·
Diethylene glycol	E	E	E	1	N
Diethyl sebecate	N	N	N	i	N
Dihydrogen monoxide	E	E	E	ı	ı
Diisobutylene	N	G	N	i	1
Diisopropyl benzene	N	N	N	1	1
Diisopropyl ketone	N	N	N	I	ı
Dimethyl formamide	N	G	F	1	ı
Dimethyl phthalate	N	N	N	I	ı
Dinitrotoluene	N	N	N	i	ı
Dioctyl phthalate	N	F	N		1
Dioctyl sebecate	N	N	N	i	N
Dipentene	N	G	N	ı	ı
Diphenyl (phenylbenzene)	N	N	N		ı
Diphenyl oxide	N	Е	N	N	ı
Dowtherm oil	N	N	N	1	ı
Dry cleaning fluids	N	F	N	i	·
Ethane	N	E	G	N	·
Ethanolamine	G	G	G	N	·
Ether	N	N	N	N	N
Ethyl acetate	F	N	N	N	N
Ethyl acatacatata	NI NI	N.	N.	- 1	

N

N

G

N

N

G

G

Chemical

Ethyl ethoride Ethyl ether N F N I G Ethyl pertochlorobenzene N N N N N I I Ethyl pentochlorobenzene N N N N N I I Ethyl silicate F E E I I Ethylene chloride N N N N N N I Ethylene chlorohydrin G N G I I Ethylene chloride N N N N N N I Ethylene chloride N N N N N N I Ethylene didmine G E E I I Ethylene didmine G E E I I Ethylene dichloride N N N N N N I Ethylene dichloride N N N N N N I Ethylene dichloride N N N N N N I Ethylene dichloride E E E E E E E E E E E E E E E E E E E	Chemical	Bex	THE	ENE	2/2	2
Ethyl pentochlorobenzene	Ethyl chloride	N	E	N	N	F
Ethyl pentochlorobenzene	Ethyl ether	N	F	N	- 1	G
Ethylene	Ethyl formate	N	N	G	I	- 1
Ethylene chloride	Ethyl pentochlorobenzene	N	N	N	I	- 1
Ethylene chloride	Ethyl silicate	F	E	E	I	- 1
Ethylene chlorohydrin Ethylene diamine Ethylene diamine Ethylene dichloride N N N N N I Ethylene glycol E E E E E E E E E E E E E E E E E E E	Ethylene	F	E	F	I	- 1
Ethylene diamine	Ethylene chloride	N	N	N	N	П
Ethylene dichloride	Ethylene chlorohydrin	G	N	G	I	N
Ethylene plycol	Ethylene diamine	G	Е	Е	ı	1
Ethylene oxide	Ethylene dichloride	N	N	N	N	Т
Ethylene trichloride	Ethylene glycol	Е	Е	Е	E	Е
Fatty acids	Ethylene oxide	N	N	N	N	П
Ferric chloride	Ethylene trichloride	N	N	N	- 1	П
Ferric chloride	Fatty acids	N	F	F	G	N
Ferric sulfate		E	Е	G	Е	G
Ferrous chloride	Ferric nitrate	Е	Е	Е	Е	Е
Ferrous chloride	Ferric sulfate	Е	Е	Е	Е	1
Ferrous sulfate			F		F	F
Fish oil			_			
Fluoroboric acid						
Fluorobenzene						
Fluorine			_			
Fluorolube						
Fluosilic acid						
Formaldehyde 40%						
Formaldehyde 100%						
Formic acid				_	_	
Freon 11	· · · · · · · · · · · · · · · · · · ·					
Freon 12						
Freon 13						
Freon 21 N E N I I Freon 22 G N E N I Freon 113 N E E F I Freon 114 E E E I I Freon TF N E E G I Fuel oil N G F E N Furan resin N						
Freon 22 G N E N I Freon 113 N E E F I Freon 114 E E E I I Freon TF N E E G I Fuel oil N G F E N Furan resin N I I I I I I						
Freon 113 N E E F I Freon 114 E E E I I Freon TF N E E G I Fuel oil N G F E N Furan resin N		N				- 1
Freon 114 E E E I I Freon TF N E E G I Fuel oil N	Freon 22	G	N	E	N	I
Freon TF N E E G I Furan resin N	Freon 113	N	E	E	F	_
Fuel oil N G F E N Furan resin N	Freon 114	E	E	E	- 1	I
Furan resin N N N E I Furfural N	Freon TF	N	E	E	G	I
Furfural	Fuel oil	N	G	F	E	N
Gallic acid E G N E N Gasoline N E F F G Gelatin E E E E E I <td>Furan resin</td> <td>N</td> <td>N</td> <td>N</td> <td>E</td> <td>I</td>	Furan resin	N	N	N	E	I
Gasoline N E F F G Gelatin E E E E E I	Furfural	N	N	N	N	N
Gelatin E E E E I </td <td>Gallic acid</td> <td>E</td> <td>G</td> <td>N</td> <td>E</td> <td>N</td>	Gallic acid	E	G	N	E	N
Ginger oil I E E I	Gasoline	N	Е	F	F	G
Glucose	Gelatin	Е	Е	Е	E	Т
Glue PVA G E E F I Glycerin E E E E E N N I	Ginger oil	- 1	Е	Е	1	- 1
Glycerin E E E E N Glycols E E E E I I Gold monocyanide I E E I I I Green sulfate liquor G G G I	Glucose	Е	Е	Е	Е	N
Glycerin E E E E N Glycols E E E E I I Gold monocyanide I E E I I I Green sulfate liquor G G G I	Glue PVA	G	Е	Е	F	1
Glycols						
Gold monocyanide I E E I I Green sulfate liquor G G G I I Grease N N N E I I Heptane N E E F I I Hexane N G F I I I I I I <						
Green sulfate liquor G G I I Grease N N N E I Heptane N E E F I Hexane N G G G G Helix alcohol E E G I I Hexyl alcohol E E G I N Hydraulic oil (petroleum) N E G E E Hydraulic oil (synthetic) I I I E I I Hydrazine N N G I N Hydrobromic acid 20% E N N G I Hydrobromic acid (hot) 37% N N N N I I Hydrochloric acid 20% F I I E N N N N N N N N N N N N N N N	<u>'</u>					
Grease N N E I Heptane N E E F I Hexane N G I I I I I I N N E G E E E E E E E E E E I						
Heptane	· ·					
Hexane						
Helix alcohol G E G I I Hexyl alcohol E E G I N Hydraulic oil (petroleum) N E G E E Hydraulic oil (synthetic) I I I E I I I I I I						
Hexyl alcohol						
Hydraulic oil (petroleum)						
Hydraulic oil (synthetic) I I I E I Hydrazine N N G I N Hydrobromic acid 20% E N N G I Hydrobromic acid 100% E N N G I Hydrobromic acid (hot) 37% N N N I I Hydrochloric acid 20% F I I E N Hydrochloric acid 37% G F F G N Hydrochloric acid 100% N N N N G N	1					
Hydrazine						
Hydrobromic acid 20% E N N G I						
Hydrobromic acid 100% E N N G I	-					
Hydrobromic acid (hot) 37% N N I I Hydrochloric acid 20% F I I E N Hydrochloric acid 37% G F F G N Hydrochloric acid 100% N N N G N						
Hydrochloric acid 20% F I I E N Hydrochloric acid 37% G F F G N Hydrochloric acid 100% N N N G N	1 *					
Hydrochloric acid 37% G F F G N Hydrochloric acid 100% N N N G N						
Hydrochloric acid 100% N N N G N	I to the second	F			E	N
	Hydrochloric acid 37%	G	F	F	G	N
Hydrocyanic acid E N G E N	Hydrochloric acid 100%	N	N	N	G	N
	Hydrocyanic acid	E	N	G	Е	N

SYMBOLS

Ethyl benzoate Ethyl cellulose

Ethyl acetoacetate Ethyl alcohol Ethyl benzene

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	Watural Rubber F	Polychlo.			
Chemical	al Ruk	Ni O	, OQ		
	Ober	THE	Tene	DL.	2
Tryaronaone acia 2070	F	N	F	N	N
Hydrofluoric acid 50%	F	N	F	N	N
Hydrofluoric acid 75%	N	N	N	N	N
Hydrofluoric acid 100%	N E	N G	N F	N N	N I
Hydrofluosilic acid 20% Hydrofluosilic acid 100%	N	F	F	N N	ı
Hydrogen gas	G	F	E	E	E
Hydrogen peroxide 10%	N	N	F	E	1
Hydrogen peroxide 30%	N	N	N	E	i
Hydrogen peroxide 50%	N	N	N	E	- 1
Hydrogen peroxide 100%	N	N	N	F	N
Hydrogen sulfide (aqua)	N	N	F	G	N
Hydrogen sulfide (dry)	Е	Е	Е	Е	N
Hydroxyacetic acid 70%	- 1	Е	Е	N	- 1
Iodine	N	N	N	N	- I
lodoform	N	N	N	E	- 1
Isobutane	I	Е	N	E	- 1
Isobutyl alcohol	E	G	Е	I	- 1
Iso-octane	N	E	G	- I	- 1
Isopropyl acetate	N	N	N	N	- 1
Isopropyl alcohol	E	F	F	ı	- 1
Isopropyl chloride	N	N	N	- I	- 1
Isopropyl ether	N	F	N	G	E
Kerosene	N	E	F	E	E
Ketones	N	N	N	N	- I
Lacquers	N	N	N	F	- 1
Lacquer thinners	N	N	N	F	I
Lactic acid	E	G	E	G	E
Lard Lavender oil	N	E G	F N	E	I
Latex	IN I	E	IN	'	1
Lead acetate	E	G	G	E	<u>'</u>
Lead nitrate	E	E	E	1	i
Lead sulfamate	G	G	E	E	i
Lemon oil	1	ı		Ī	
Lime	1	Е	E	E	- 1
Linseed oil	N	Е	F	ı	F
Liquefied petroleum gas (LPG)	N	Е	G	ı	- 1
Lubricating oils (petroleum)	N	G	F	G	- 1
Lye	G	G	G	- I	- 1
Magnesium carbonate	1	E	E	E	- 1
Magnesium chloride	E	E	E	E	N
Magnesium hydroxide	F	G	G	E	G
Magnesium nitrate	- 1	E	E	E	I
Magnesium oxide	- 1	E	E	- 1	- 1
Magnesium sulfate	F	E	E	E	- 1
Maleic acid	N	N	N	E	- 1
Maleic anhydride	N	N	N	ı	- 1
Malic acid	F	F	F	E	1
Mayonnaise	1	E	l N	N	- 1
Melamine Mercuric chloride (dilute)	I E	F E	N E	I E	I F
Mercuric chloride (dilute) Mercuric cyanide	N	E	E	G	F I
Mercury	E	E	E	G	G
Mesityl oxide	N	N	N	ı	ı
Methane	N	E	G	'	ı
Methanol	E	E	E	E	N
Methyl acetate	N	N	N	N	I
Methyl acetone	N	N	G	1	·
Methyl alcohol	E	E	E	G	N
Methyl acrylate	E	N	N	I	1
Methyl bromide	N	G	N	N	- 1
Methyl butyl ketone (propyl acetor	ne) N	N	N	E	I
AA II I III I		-	-		

ch a set set			No	4		
Chemical	Tal Ru	bo	Mittile	TOPTENE	N.	20
Methyl chloride		N	N	N	N	
Methyl dichloride	_	N	N	N	E	1
Methyl ethyl ketone (MEK)		N	N	N	N	N
Methyl isobutyl ketone		N	N	N	N	- 1
Methyl isopropyl ketone		N	N	N		
Methyl methacrylate		N	N	N		
Methyl oleate		N	N	N	1	
Methylamine		G	F	1	1	-
Methylene chloride		N	N	N	N	N
Milk		E	E	E	E	1
Mineral oil		N	E	F	ī	F
Molasses		E	E	E	E	1
Monochlorobenzene		N	N	N	1	
Monoethanolamine		G	N	N	1	
Monoethylether		N	E	F	i	<u> </u>
Monovinyl acetylene		G	E	G	i	÷
Mustard		G	F	G	G	
Naphtha		N	F	N	F	N
Naphthalene		N	N	N	N	N
Naprhenic acid		N	G	N	I	I
Natural gas		N	N	N	'	N
Nickel acetate		E	G	G	'	N
Nickel chloride		E	E	_	E	F
			E	G E		
Nickel sulfate		G	_	_	E	- 1
Nitrating acid (<15% H2SO4)		F	- 1	E	N	- 1
Nitrating acid (>15% H2SO4)		F	- 1	E	N	-
Nitrating acid (<1% acid)		F	- 1	E	N	
Nitrating acid (>S15% HNO3)		F	- 1	E	N	- 1
Nitric acid (5-10%)		N	N	N	E	N
Nitric acid (20%)		N	N	N	E	N
Nitric acid (50%)		N	N	N	G	N
Nitric acid -conc.		N	N	N	N	N
Nitrous acid		F	ı	N	E	-
Nitrobenzene		N	N	N	N	N
Nitroethane		G	N	F	ı	-
Nitromethane		G	N	F	I	- 1
Nitrogen		E	E	E	- I	E
Octachlorotulene		N	N	N	I	- 1
Octyl alcohol		G	G	G	I	- 1
Oleic acid		N	F	N	F	_
Oleum 25%		N	N	N	N	- 1
Oleum 100%		N	N	N	N	-
Olive oil		N	E	G	F	Е
Orange oil		- 1	E	N	I	_
O-dichlorobenzene		N	N	N	- I	I
Oxalic acid		F	G	G	E	- 1
Oxygen-cold		G	G	Е	ı	- 1
Ozone		N	N	F	I	G
Palmitic acid		N	Е	F	ı	- 1
Palm oil		- 1	Е	N	E	- 1
Paraffin		G	Е	Е	E	Τ
Peanut oil		N	E	N	E	- 1
Pentane		N	E	G	ı	- 1
Peppermint oil		- 1	G	N	1	- 1
Perchloric acid		N	N	F	ı	1
Perchloroethylene		N	N	N	1	N
Petrolatum		N	E	G	i	-:
Petroleum		N	E	G	·	E
Phenol (carbolic acid)		N	N	N	F F	N
Phenylbenzene	-	N	N	N	I	I
Phenyl hydrazine		E	N	N	'	
Phorone		N	N	N		
	-	N	N		G	N
Phosphoric acid - 20%				N		
Phosphoric acid - 80%		N	N	N	G	N

SYMBOLS

Methyl cellosolve

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Chemical

Chemical	Aubbet	With the last	OBTERNE	NC NC	20
	Ğ.	8	Je .	70	
Phosphorus trichloride	N	N	N		I
Phathalic anhydride	F	G	E	N	- 1
Picric acid	G	G	G	N	I
Pine oil	N	N	N	F	- 1
Polyvinyl acetate emulsion	G	- 1	G	1	I
Potash	G	E	G	F	- 1
Potassium acetate	N	G	G	1	N
Potassium bicarbonate	G	E	Е	E	- 1
Potassium bromide	G	E	E	E	I
Potassium carbonate	G	E	E	E	- I
Potassium chlorate	G	F	E	E	-
Potassium chloride	E	E	E	E	E
Potassium chromate	G	E	E	E	- 1
Potassium cupro cyanide	E	E	E	- 1	- I
Potassium cyanide	E	E	E	E	E
Potassium dichromate	G	E	E	E	N
Potassium ferrocyanide	E	N	-	G	- 1
Potassium hydroxide	G	G	F	E	- 1
Potassium nitrate	E	E	E	E	- 1
Potassium permanganate	G	F	E	E	- 1
Potassium sulfate	G	E	E	E	- 1
Potassium sulfide	G	E	E	E	- 1
Propane	N	E	F	N	- 1
Propyl alcohol	E	E	E	E	F
Propyl nitrate	N	N N	N N	I I	- 1
Propylene	N				- 1
Pyranol (transformer oil)	N	E N	G N	l N	- 1
Pyridine	N				- 1
Pyrogallic acid	I E	I E	I E	E	I E
Sal ammoniac		G	E		
Salicyclic acid Salt water	E E	E	E	E	I E
		E		E	
Sesame seed oil	I F	E	N E	E	I
Sewage Silicono grazzos	E	E	E	E	'
Silicone greases Silicone oils	E	E	E	E	ı
Silver bromide	Ī	Ī	ı	1	i
Silver nitrate	E	G	E	E	E
Skydrol 500	N	N	N	1	1
Skydrol 7000	N	N	N	<u> </u>	1
Soap solutions	G	E	G	E	F
Sodium acetate	E	G	G	G	E
Sodium aluminate	G	E	E	Ť	Ī
Sodium bicarbonate	E	G	G	E	ı
Sodium bisulfate	E	G	F	E	1
Sodium bisulfite	E	E	E	E	1
Sodium borate (borax)	E	E	E	F	N
Sodium carbonate (soda ash)	Е	Е	Е	E	- 1
Sodium chlorate	Е	F	Е	Е	- 1
Sodium chloride (brine)	Е	Е	Е	E	Е
Sodium chromate	ı	Е	Е	ı	- 1
Sodium cyanide	Е	Е	Е	E	- 1
Sodium fluoride	N	N	N	N	- 1
Sodium hydrosulfite	Е	ı	Е	F	- 1
Sodium hydroxide 20%	Е	G	G	E	I
Sodium hydroxide 50%	Е	N	F	E	- 1
Sodium hydroxide 80%	G	N	F	E	- 1
Sodium hypochlorite <20%	F	G	G	Е	N
Sodium hypochlorite 100%	N	N	N	F	N
Sodium hyposulfate	F	ı	F	1	- 1
Sodium metaphosphate	Е	Е	G	- 1	- 1
Sodium metasilicate	I	Е	Е	Е	- I
Sodium nitrate	G	G	G	E	N

ho	m	ica	

Chemical	ubbet	III III	p _{rene} (NC.	3
Sodium perborate	G	G	G	E	1
Sodium peroxide	G	G	G	G	ı
Sodium phosphate	E	E	G	I	Е
Sodium polyphosphate	E	Е	N	Е	ı
Sodium silicate	Е	E	E	Е	I
Sodium sulfate	G	Е	Е	Е	- 1
Sodium sulfide	G	Е	Е	Е	ı
Sodium sulfite	G	Е	E	E	- 1
Sodium tetraborate	- 1	Е	- 1	Е	ı
Sodium thiosulfate	G	G	Е	E	- 1
Sorghum	I	E	E	I	I
Soybean oil	N	N	F	E	I
Stannic chloride	E	E	N	E	N
Stannic fluoborate	N	E	E	- 1	I
Stannous chloride	Е	Е	F	E	- I
Starch	- 1	F	Е	E	- I
Stearic acid	N	G	G	G	Е
Styrene	N	N	N	N	N
Sugar (liquids)	Е	Е	G	- 1	- 1
Sulfate (liquor)	ı	Е	F	G	ı
Sulfur	N	N	N	ı	ı
Sulfur chloride	N	N	N	F	- I
Sulfur dioxide	F	N	N	N	N
Sulfuric trioxide	F	N	N	Е	N
Sulfuric acid 10%	F	N	G	Е	N
Sulfuric acid 10-75%	N	N	N	Е	N
Sulfuric acid 75-100%	N	N	N	N	N
Sulfurous acid	F	F	G	Е	- 1
Sulfuryl chloride	1	ı	1	Е	1
Tallow	1	Е	G	ı	- 1
Tannic acid	E	G	G	Е	F
Tar bituminous	N	G	F	ı	- 1
Tartaric acid	F	Е	F	Е	F
Tetrachloroethane	N	N	- 1	N	T
Tetrachloroethylene	N	N	N	N	- 1
Tetrahydrofuran	N	N	N	N	- 1
Terpinol	N	G	N	ı	- 1
Tertiary butyl alcohol	G	G	G	ı	N
Tetraethyl lead	N	G	G	ı	- 1
Toluene	N	N	N	N	N
Transformer oil	N	Е	G	ı	Е
Transmission fluid -A-	N	Е	G	ı	Е
Trichloroethane	N	N	N	ı	1
Trichloroacetic acid	N	G	N	ı	N
Trichloroethylene	N	N	N	N	1
Trichloropropane	1	Е	Е		1
Tricresyl phosphate	N	N	N	N	1
Triethylamine	1	Е	G	Е	1
Trinitrotoluene	N	N	G	ı	1
Turbine oil	N	G	N	1	1
Turpentine	N	E	N	G	N
Varnish	N	G	N	N	1
Vegetable oil	N	Е	N	ı	- 1
Vinegar	G	G	G	E	I
Vinyl chloride	N	N	N	I	l l
Whiskey, wines	E	E	E	E	i
White oil	N	E	G	ı	i
Wood oil	N	E	G	i	i
Xylene	N	N	N	N	N
Zinc chloride	E	E	E	E	N
Zinc hydrosulfite	- 1	E	E	ı	I I
Zinc sulfate	F	E	E	F	·

SYMBOLS

E = Excellent

G = Good with some minor effect

F = Fair with moderate effect

N = Not recommended severe effect

I = Not tested

This Chemical Resistance Table is intended to provide general information about the reactions of different glove materials to the chemicals listed. This information is based upon published research data. Pro-Val gloves have not been individually tested against these chemicals. Variances in glove thickness, chemical concentration, temperature and length of exposure to chemicals will affect the performance.

This information should be used for reference purpose only. User must proceed with caution when handling these chemicals.

GLOVE, APRON & WIPE **DISPENSERS**



Single and triple glove and apron dispensers are an efficient way of dispensing quickly and cleanly, keeping hygiene at a premium in the food and medical industry.



Size:

Height 490mm x Width 275mm x Depth 110mm

Uses include

- Hairdressing salons
- Nursing aid units
- Aged care facilities
- Chemical laboratories
- Medical examination rooms
- Doctor's surgeries
- Operating theatres
- First aid units
- Vehicle spray painting industry
- Food preparation areas



Size:

Height 125mm x Width 275mm x Depth 110mm

Single Dispenser (41056#)**Triple Dispenser** (41057#)

Packaging

6 dispensers per carton



Heavy duty wipe dispenser is a white powder coated bracket, complete with screws for wall mounting.

> **HD Wipe Dispenser** (40525)

Packaging HD Wipe Dispenser 6 brackets per carton



P1 RESPIRATORS

P1 Respirators are suitable for protection against mechanically generated particles down to 1 micron, such as dust and mist. Pro-Val P1 conical respirators have yellow straps for easy identification.

P1 CONICAL

Features

- EVA foam nose seal for added comfort
- Adjustable nose bridge for secure fit
- Recommended for dust applications
- AS/NZS 1716:2012 approved
- Elastic latex free dual straps, sonic welded, staple free

Uses include

- Sawing
- Drilling
- Woodworking
- Sanding
- Sweeping
- Gardening

Packaging

20 masks per box 12 boxes per carton 240 masks

Code (30121)



The user should evaluate the suitability of this product for their application.

RESPIRATOR FITTING INSTRUCTIONS

Respirators should be used in accordance with AS/NZ 1715 selection, use and maintenance of respiratory protection devices.



1. Hold the respirator in one hand with nose-piece at your fingertips, allowing the head straps to hang freely below your hands.



2. Place respirator against your face with the nose-piece on the bridge of your nose.



3. Place the top strap high on the back of your head. Move the bottom strap over your head and position it below your ears.



4. Use both hands to mould the nose-piece to the shape of your nose for a secure, comfort able fit.



5. Test to fit. Cup your hands over the respirator and exhale strongly. If air flows around your nose, tighten the nose-piece. If air escapes around the edges, reposition the strap for a better fit.



6. Fitted respirator.

P2 RESPIRATORS



P2 Respirators are suitable for protection against mechanically and thermally generated particles down to 0.3 micron, such as toxic dusts including asbestos, mist and welding fumes. All Pro-Val P2 respirators have blue straps for easy identification.

P2 CONICAL

Features

- EVA foam nose seal for added comfort
- Adjustable nose bridge for secure fit
- Recommended for toxic dusts, welding fumes and mists
- AS/NZS 1716:2012 approved
- Elastic latex free dual straps, sonic welded, staple free

Uses include

- Oxy cutting
- Fumes and smoke
- Welding
- Grinding

P2 CONICAL WITH VALVE

Features

- EVA foam nose seal for added comfort
- Adjustable nose bridge for secure fit
- Valve aids in expelling hot air and assists breathing
- Recommended for toxic dusts, welding fumes and mists
- AS/NZS 1716:2012 approved
- Elastic latex free dual straps, sonic welded, staple free

Uses include

- Glass etching
- Brazing
- Welding
- Sanding
- Demolition work
- Grinding

The user should evaluate the suitability of this product for their application.



Packaging

20 masks per box 12 boxes per carton 240 masks

Packaging

10 masks per box 24 boxes per carton 240 masks

Code (30124)



P2 RESPIRATORS

P2 CARBON WITH VALVE

Suitable for protection against mechanically and thermally generated particles down to 0.3 micron, such as toxic dusts including asbestos, mist and welding fumes. They also assist in removing nuisance levels of ozone and organic vapours. P2 Carbon respirators have green straps and nose piece.

Features

- EVA foam nose seal for added comfort
- Adjustable nose bridge for secure fit
- AS/NZS 1716:2012 approved
- Carbon removes nuisance levels of ozone and organic vapours
- Recommended for protection against mechanically and thermally generated particles such as dust, mist and fumes
- Valve aids in expelling hot air and assists breathing
- Valve and straps coloured green for easy indentification
- Elastic latex free dual straps, sonic welded, staple free

Uses include

- Chemical processing
- Spray painting
- Agriculture
- Sanitation
- Hot working conditions
- Refuse collection
- Grinding

The user should evaluate the suitability of this product for their application.



Packaging

10 masks per box 12 boxes per carton 120 masks





DISPOSABLE FACE MASKS





General purpose, non surgical pleated disposable face mask.

Features

- Ear loops
- Fibreglass free
- Latex free
- Excellent breathability
- Adjustable nose bar for secure fit
- For single use
- 3 ply



Uses include

- Nail technicians
- Beauty salons
- Aged care facilities
- Health care facilities
- Industrial applications

The user should evaluate the suitability of this product for their application.

Code (30130)

Packaging

50 masks per box 20 boxes per carton 1000 masks



CLOTHING RANGE

The Pro-Val range of protective clothing provides a cross contamination barrier, protecting people, product and processes.



Hazguard Coveralls

- MP4 waterproof
- MP5 water resistant
- VB vented back and water resistant
- SMS triple layer water resistant
- PP single layer not water resistant
- Comparison chart and size chart



Splash Gowns

 CPE Splash gown, protection of arms and torso, waterproof and lightweight

Aprons

- Waterproof, lightweight yet strong
- White or blue
- Uni size with two ties at the back



Disposable Coats

- Visitor coats for coverage in wet areas
- Maxicoat, extra long, waterproof
- Lab coats PP breathable



Sleeve Protectors

- Armgard PE for wet areas
- Lightouch PP and breathable
- Blue and white

CLOTHING RANGE





Shoe & Boot Covers

- PP shoe covers breathable with non-skid sole
- CPE shoe cover waterproof
- PP hard wearing PVC sole, waterproof upper and PP lining
- CPE boot cover



Berets & Beard Covers

- Round and crimped hair caps
- Beard covers in single loop or double loop



Details Pages 68-69

Freezer Wear

- Freezer Jackets
- Freezer Pants
- Beanies
- Gloves
- Technical data and size chart



Details Page 70

Pallet & Drum Covers

- Blue water resistant pallet cover 1.4 x 1.4m
- White breathable pallet cover 1.4 x 1.4m
- White breathable 200 ltr drum cover



Health Care Range

- White PP bed sheets 100cm x 197cm
- White PP pillowcase 70cm x 50cm



FABRIC PROPERTIES

Polypropylene or PP

- Lightweight
- Maintains shape
- Soft
- Breathable
- Permeable to water
- Does not fray when cut
- Cost effective

Effective barrier against:

- Dirt/dust
- Grease
- Grime
- Particulate matter and fibres
- Insects

SMS

- Consists of high filtration Meltblown Polypropylene layer bonded between two layers of SpunBonded Polypropylene
- Filters 99.8% of particles of sizes 0.5-1 micron
- Good breathability
- Water resistant
- Good strength and tear resistance

Effective barrier against:

- Particulates, such as asbestos
- Brick and cement dust
- Aerosol mists
- Dirt and dust

Polyethylene or PE, LDPE or CPE

- Soft and flexible
- Lint free
- Gas and aroma barrier
- Strong for its weight, hard to tear
- Does not fray when cut

Effective barrier against:

- Water and dilute chemicals
- Blood and bodily fluids
- Grease and oil
- Dirt/dust/grime
- Very fine particulate matter and fibres
- Insects

Microporous PE Laminate Fabric

- Breathable PE film laminated to SpunBonded Polypropylene inner layer
- Waterproof and durable
- Lightweight and comfortable
- Chemical liquid (EN368) and blood (ASTM F1670) penetration resistance
- Lint free outer surface
- Anti-static

Effective barrier against:

- Blood and bodily fluids
- Liquids
- Particulates, such as asbestos
- Aerosol mists
- Spray painting

HAZGUARD MP4



The Hazguard MP4 coverall is waterproof and made from breathable microporous fabric.

SGS Certificate GB11/83065

Certified to protection level:



Type 4 - Barrier to spray of liquids (EN 14605:2005 and EN 468)



Type 5 - Barrier to airborne particulate materials and dust (EN ISO 13982-1:2004)



Type 6 - Barrier to limited splash and liquid spray (EN 13034:2005)



EN 1149-1:1195 - Anti-static



EN 1073-2:2002 - For protection against radioactive contamination

Microporous fabric is tested in accordance with:



EN 14126 - For protection against biological hazards and infective agents

Chemical liquid (EN 368) and blood penetration (ASTM F1670) resistance

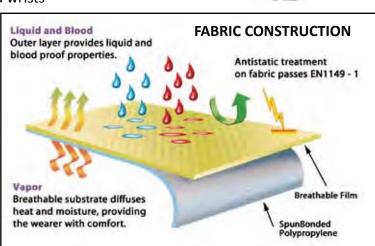
Features

- Breathable and waterproof
- Stitched and taped seams creating a waterproof seal
- Excellent strength and tear resistance
- Lint free outer surface
- Non woven inner for comfort
- Reinforced gusset/crotch
- Fully elastic hood, waist, ankles and wrists
- Self adhesive zip flap
- Two way zip

Uses include

- Pesticide/insecticide spraying
- Chemical clean up
- Medical/forensic
- Emergency services Police
- Veterinary
- Food processing
- Fisheries
- Abattoirs
- Car industry
- Painting/spray painting
- Waste management
- Fibreglassing
- Resin application
- Road and transport workers
- Asbestos removal/demolition work

The user should evaluate the suitability of this product for their application.



WATERPROOF

Size and Codes

Medium (51631) Large (51632) X Large (51633) XX Large (51634) XXX Large (51635)

Packaging

1 piece per informative poly bag 25 pieces per carton



HAZGUARD MP5

The Hazguard MP5 coverall is water resistant, made from a breathable microporous fabric, with stitched seams for extra strength.

SGS Certificate GB10/81990

Certified to protection level:



Type 5 - Barrier to airborne particulate materials and dust (EN ISO 13982-1:2004)



Type 6 - Barrier to limited splash and liquid spray (EN 13034:2005)



EN 1149-1:1195 - Anti-static



EN 1073-2:2002 - For protection against radioactive contamination

Microporous fabric is tested in accordance with:



EN 14126 - For protection against biological hazards and infective agents

Chemical liquid (EN 368) and blood penetration (ASTM F1670) resistance

Features

- Breathable and water resistant
- Excellent abrasion and tear resistance
- Stitched seams for greater strength
- Lint free outer surface
- Non woven inner for comfort
- Reinforced gusset/crotch
- Fully elastic hood, waist, ankles and wrists
- Self adhesive zip flap
- Two way zip

Vapor Breathable substrate diffuses heat and moisture, providing the wearer with comfort. FABRIC CONSTRUCTION Antistatic treatment on fabric passes EN1149 - 1 Breathable Film SpunBonded Polypropylene

Size and Codes

Medium (51308) Large (51309) X Large (51310) XX Large (51311) XXX Large (51312)

Uses include

- Chemical clean up
- Medical/forensic
- Emergency services Police

WATER

RESISTANT

- Veterinary
- Food processing
- Fisheries
- Abattoirs
- Car industry
- Waste management
- Fibreglassing
- Resin application
- Road and transport workers
- Asbestos removal/demolition work

The user should evaluate the suitability of this product for their application.

Packaging

1 piece per informative poly bag 25 pieces per carton

HAZGUARD VB



The Hazguard VB coverall is water resistant, made from breathable microporous fabric on the front, legs and arms. The back (down to the waist line), is made from cooling SMS, providing increased ventilation and a high level of comfort for the wearer.



ANNCP Test Certificate Number DPI 743 AT 1318 Certified to protection level:



Type 5 - Barrier to airborne particulate materials and dust (EN ISO 13982-1:2004)



Type 6 - Barrier to limited splash and liquid spray (EN 13034:2005)

Microporous fabric is tested in accordance with:



EN 14126 - For protection against biological hazards and infective agents



EN 1073-2:2002 - For protection against radioactive contamination



EN 1149-1:1195 - Anti-static

Chemical liquid (EN 368) and blood penetration (ASTM F1670) resistance

Packaging

1 piece per informative poly bag 25 pieces per carton

Features

- Vented SMS back (see fabric construction on page 56)
- Water resistant
- Microporous on front, legs and arms
- Excellent abrasion and tear resistance
- Stitched seams
- Comfort cuffs
- Fully elastic hood, waist and ankles
- Two way zip

Uses include

- Asbestos removal/demolition work
- Pesticide/insecticide spraying
- Medical/forensic
- Emergency services Police
- Veterinary
- Food processing
- Fisheries
- Abattoirs
- Car industry
- Waste management
- Fibreglassing
- Resin application
- Road and transport workers

The user should evaluate the suitability of this product for their application.



Size and Codes

Medium (51323) Large (51324) X Large (51325) XX Large (51326) XXX Large (51327)



HAZGUARD SMS

The Hazguard SMS triple layer coverall is made from non woven polypropylene, spunbond, meltblown and spunbond. This triple layer matrix acts like a filter to keep out smaller particles, i.e. asbestos.

The coverall is water resistant and light weight, but with added strength and tear resistance due to its triple layer construction.

SGS Certificate GB10/81989

Certified to protection level:



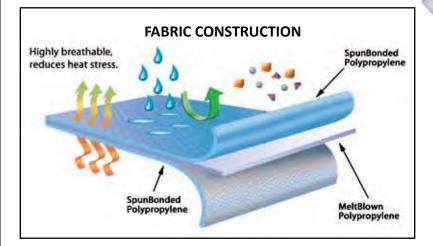
Type 5 - Barrier to airborne particulate materials and dust (EN ISO 13982-1:2004)



Type 6 - Barrier to limited splash and liquid spray (EN 13034:2005)

Features

- Highly breathable, reduces heat stress
- Water resistant
- Matrix of layers protects against water based splashes and sprays, particulate matter, fibres, dirt, dust, grease and grime
- Greater strength and tear resistance
- Stitched seams
- Fully elastic hood, waist, ankles and wrists
- Two way zip



Size and Codes - White

Medium (51529) Large (51530) X Large (51531) XX Large (51532) XXX Large (51533)

Size and Codes - Blue

Medium (51521) Large (51522) X Large (51523) XX Large (51524) XXX Large (51525)

Uses include

REDUCES HEAT

STRESS

- Asbestos removal/demolition work, brick and cement dust
- Pesticide/insecticide spraying
- Medical/forensic
- Emergency services -Police
- Veterinary
- Food processing
- Fisheries
- Abattoirs
- Car industry
- Waste management
- Fibreglassing
- Resin application
- Road and transport workers

The user should evaluate the suitability of this product for their application.

Packaging

1 piece per informative poly bag 50 pieces per carton

HAZGUARD PP P



The Hazguard PP coverall is made from non woven polypropylene. Lightweight and breathable, this single layer coverall is an excellent solution for keeping clean, reducing decontamination and laundry costs. No water resistant protection and not deemed suitable for protection against a hazard.



Features

- PP single layer
- Breathable and cool
- Economical protection against particulate matter, fibres, dirt, dust, grease and grime
- Not suitable for wet work
- Fully elastic hood, waist, ankles and wrists
- Two way zip
- Lightweight

Uses include

- Insulation
- Car industry
- Waste management
- Gardening
- Veterinary
- Pharmaceutical
- Food processing
- **Painting**

The user should evaluate the suitability of this product for their application.

Size and Codes - White

Medium	(51419)	Large	(51420)
X Large	(51421)	XX Large	(51422)
XXX Large	(51/123)		

Size and Codes - Navy

Medium	(51411)	Large	(51412)
X Large	(51413)	XX Large	(51414)
XXX Large	(51415)		

Size and Codes - Orange

		0	
Medium	(51427)	Large	(51428)
X Large	(51429)	XX Large	(51430)
XXX Large	(51431)		

Packaging

1 piece per informative poly bag 50 pieces per carton



COVERALL COMPARISON AND SIZE CHART

Tage 1	Hazeua	Har	Harel	Taj	
•	ALOW PA	AN SU	ald. Lai	TO'S BY	Tard
Protection Level	QA A	185	4	35	18
Type 4 - EN 14065:2005 and EN 468 barrier to saturation spray of liquids					
Type 5 - EN 13982-1:2004 barrier to airborne particulate materials and dust i.e. asbestos					
Type 6 - EN 13034:2005 barrier to limited splash and liquid spray					
Category 1 suit (minimal risk) Protection against non hazardous dry particulates, dirt and grime					
EN 1149-1:1995 Anti-static					
Chemical liquid (as per EN 368) and blood (as per ASTM F1670) penetration resitance					
Features					
Protects against low level spray mists					
Waterproof		_	_	_	
Water resistant					
Fully elasticised hood, waist, ankles and wrist			_		
Comfort cuffs					
Fully elasticised waist					
Breathable single layer					
Breathable triple layer			(back)		
Breathable microporous fabric			(ex back)		
Stitched and taped seams creating a waterproof seal					
Stitched seams - extra strength					
Non woven inner for comfort					
Reinforced gusset / crotch					
Lint free outer surface			(ex back)		
Some uses as a guide only					
Asbestos removal, brick and cement dust					
Insulation					
Paint spraying					
Car industry					
Medical / Forensic					
Emergency services					
Waste management					
Fibreglassing / Resin application					
Abattoirs					
Insecticide / Pesiticide spraying					
Demolition work					
Food processing					
Chemical cleanup					
Gardening					
Police					
Fisheries / Shipping					
Road and transport workers					
Veterinary					

This comparison chart should be used for reference purpose only.

SIZE CHART INFORMATION

Size	Chest (cms)	Height (cms)	Size	Chest (cms)	Height (cms)
Medium	92-100	168-176	Large	100-108	176-182
X Large	108-116	182-188	XX Large	116-124	188-194
XXX Large	124-132	194-200			

SPLASH GOWN





The CPE Splash gown protects the arms and torso, it is waterproof and lightweight. Great protection against fine particles, liquid sprays and bodily fluids.

Features

- Made from CPE (cast polyethylene film)
- Waterproof
- Two back ties, thumb loops to stop sleeve ride up with gloves
- Tear back so gown may be easily removed without slipping neck hole over head
- 1270mm long from shoulder
- Protects against water based liquids, mild acids and bases, bodily fluids, particulate matter, fibres, dirt, dust and grime
- Uni size

Uses include

- Hospital, medical and diagnostic
- Emergency services
- Mortuary and funeral services
- Research industries
- Aged care
- Industry/manufacturing
- Food processing
- Beauty industry

Packaging

1 piece per poly bag 100 pieces per carton Code (56005)



APRONS

Pro-Val Aprons are made from embossed LDPE, waterproof, lightweight yet strong. Individually folded in dispenser boxes, the white apron is also available in extra long for added coverage where required.

Features

- HACCP Australia Food Safety Certification
- Two back ties, head loop
- High water resistance
- Protects against water based liquids, mild acids and bases, bodily fluids, particulate matter, fibres, dirt, dust and grime
- Lightweight
- Uni size

Uses include

- Food processing
- Medical
- Emergency services
- Beauty industry
- Aged care
- Industry/manufacturing
- Cleaning/janitorial
- Maintenance



Size - White 800 x 1400mm x 0.020mm thick Code (DPEA500)

Size - Blue 800 x 1400mm x 0.025mm thick Code (DPEAB500)

Size - White 800 x 1600mm x 0.025mm thick Code (50255)



Packaging
50 pieces per box
500 pieces per carton

MAXICOAT & VISITOR COAT



Maxicoat

The Pro-Val Maxicoat has been specifically designed for and tested in the seafood processing industry.

This extra long coat is made from waterproof CPE film bonded to comfortable PP.

Features

- High grade PVC zip ensures a continuous well secured closure and no pockets for food processing areas
- Good water resistance
- 1250mm length
- Provides total front, shoulder, arm and back coverage to shins
- Lightweight
- Elastic wrist

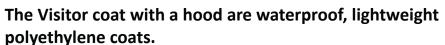
Uses include

- Seafood processing
- Abattoirs
- Food processing
- Poultry food processing
- Industry/manufacturing



1 piece per poly bag 50 pieces per carton

Code (55117)



Good coverage for very wet areas, these coats can serve as a disposable raincoat at concert and sporting venues.

Features

- Full length coat covering shoulders, complete with hood
- Waterproof
- Press stud closures on front
- Uni size

Uses include

- Concerts
- Sporting events
- Food processing

Packaging

1 piece per poly bag 100 pieces per carton Code (DPEVCH)





DISPOSABLE COATS

Whether it's for staff or visitors, our disposable coat provides effective and comfortable protection for the wearer against dirt, dust and contamination.

Pro-Val Lab Coats are made from 30gsm non woven polypropylene. They offer excellent breathability and with no pockets, for use in the food processing and handling areas.

HACCP Australia Food Safety Certification is for the lab coat with no pockets.

For dry area use only, available in white or blue.

Features

- **HACCP Australia Food Safety Certification**
- Made from 30gsm non woven polypropylene
- No pocket, ideal for food processing areas
- Elastic cuffs
- Velcro closures
- 1000mm long from shoulder
- Breathable and lightweight
- Protects against particulate matter, fibres, dirt, dust, grease and grime
- Available in blue and white
- Uni size
- For dry area use

Uses include

- Food processing
- Pharmaceutical
- Laboratories
- Medical
- Industry/manufacturing

Lab Coat Blue PP no pockets Code (55009)

Lab Coat White PP no pockets Code (55003)



Packaging

1 piece per poly bag 50 pieces per carton

DISPOSABLE COATS Prove



The ProLab coat is our premium version, slightly thicker and made from 35gsm non woven polypropylene, this coat has three pockets, one on the chest and two hip pockets.

Extra long, measuring 1170mm from the shoulder, it also has a knitted cuff and press stud closures. Available in white only.

Features

- Made from 35gsm non woven polypropylene
- Elastic knitted cuffs
- One chest pocket, 2 hip pockets, 5 plastic press stud closures
- 1170mm long from shoulder extra long
- Soft and lightweight
- **Breathable**
- Protects against particulate matter, fibres, dirt, dust, grease and grime
- Uni size
- For dry area use

Uses include

- Pharmaceutical
- Laboratories
- Medical

Uses include

Pharmaceutical

Food processing

Laboratories

Medical

- Industry/manufacturing
- Food processing

ProLab White only



Packaging

1 piece per poly bag 50 pieces per carton ProLab White PP knit cuff three pockets Code (LCPPWKC)

Pro-Val Lab Coats are made from 30gsm non woven polypropylene, offering excellent breathability.

Suitable for use by staff or visitors providing protection against dirt, dust and contamination.

Features

- Made from 30gsm non woven polypropylene
- One chest pocket
- Elastic cuffs
- Velcro closures
- 1000mm long from shoulder
- Breathable and lightweight
- Protects against particulate matter, fibres, dirt, dust, grease and grime
- Available in blue and white
- Uni size
- For dry area use

Industry/manufacturing

Lab coat Available in blue or white

Packaging

1 piece per poly bag 50 pieces per carton Lab Coat Blue PP one pocket Code (LCPPB)

Lab Coat White PP one pocket Code (LCPPW)





SLEEVE PROTECTORS



Pro-Val sleeve protectors are available in two alternatives, polypropylene or polyethylene.

They provide coverage from your wrist to elbow and also help ensure no gap between glove/arm and keeps loose sleeves out of the way.

Features

- HACCP Australia Food Safety Certification
- Lightouch is made from polypropylene (PP) and is breathable
- Armgard is made from polyethylene (PE) for wet and messy areas
- Elastic both ends, heat sealed, no side seams
- 40cm long
- Lighweight
- Available in white and blue
- Uni size

Uses include

- Food manufacturing and processing
- Fisheries, poultry and meatworks
- Laboratories
- Medical
- Industry/manufacturing
- Cleaning
- General industry

Codes - Lightouch

Blue (DPPBSP)
White (DPPWSP)

Packaging

100 pieces per inner 500 pieces per carton

Codes - Armgard

Blue (DPESPB)
White (DPESP)

Packaging

100 pieces per inner 2000 pieces per carton

Protective Clothing

SHOE COVERS







Our shoe covers provide a barrier between footwear and the environment. Keeping floors clean from contamination, no need to remove street footwear.

Features - Surefoot and Gloshie

- HACCP Australia Food Safety Certification
- Surefoot is made from soft non-woven polypropylene and elastic with latex anti-skid tread on sole
- Gloshie is made from CPE embossed film and elastic, providing high water resistance
- Lightweight

Uses include

- Nurses, medical staff
- Laboratories
- Protection for floors, carpets, tiles against dirt and grime
- Food manufacturing and processing
- General industry
- Maintenance/cleaning
- Pharmaceutical
- Medical

Packaging

100 pieces per inner 500 pieces per carton

Codes - Gloshie

Blue

Blue (CPESHOE)
White (CPESHOEW)

Code - Surefoot

(PPSHOE)

Packaging

100 pieces per inner 1000 pieces per carton



BOOT COVERS

Our boot covers provide a barrier between footwear and the environment. Keeping floors clean from contamination, no need to remove street footwear.



Code - CPE Boot Cover White (50506)

Packaging 50 pieces per inner 250 pieces per carton

Features - Shintoe

- HACCP Australia Food Safety Certification
- Double layer made from non-woven polypropylene and a lamination film of polyethylene
- Tough PVC sole and taped seams
- Elastic ankle
- High water resistance

Uses include

- Nurses, medical staff
- Laboratories
- Protection for floors, carpets, tiles against dirt and grime
- Food manufacturing and processing
- General industry
- Maintenance/cleaning
- Pharmaceutical
- Medical

Code - ShintoeWhite (PPEBOOT)

Packaging

100 pieces per inner 500 pieces per carton

Features - CPE Boot Cover

- Waterproof
- Generous size, easy to put on
- Plastic ties for ankle
- Elastic at top
- Double layered on sole for added abrasion resistance
- One size fits all
- Cast polyethylene
- White

Uses include

- Nurses, medical staff
- Laboratories
- Protection for floors, carpets, tiles against dirt and grime
- Food manufacturing and processing
- General industry
- Maintenance/cleaning
- Pharmaceutical
- Medical





BERETS & BEARD





Bouffants and Berets. We've got your head covered! Lightweight and comfortable, our bouffants (round) and berets (crimped) are designed to contain hair.

Beard covers are available in single (large beards) or double loop.

Features

- HACCP Australia Food Safety Certification
- Made from non-woven polypropylene and latex free elastic
- Soft and lightweight
- Breathable
- Bouffants and Berets available in a variety of colours to suit corporate, or cross contamination colour coding requirements
- Beard covers available in single or double loop in blue and white

Uses include

- Food manufacturing and processing
- Food handling and preparation areas
- Catering
- General industry
- Medical
- Beauty industry

Round Bouffants

Packaging

100 pieces per inner 1000 pieces per carton

Colour/Size	Code
White 21"	(DPE21R)
Blue 21"	(DPE21RB)
Green 21"	(DPE21RG)
Yellow 21"	(DPE21RY)
Red 21"	(DPE21RR)
White 24"	(DPE24R)

Crimped Berets

Colour/Size	Code
White 21"	(DPEB21)
Blue 21"	(DPEB21B)
Green 21"	(DPEB21G)
Yellow 21"	(DPEB21Y)
Red 21"	(DPEB21R)
White 24"	(DPEB24)

Beard Covers

Colour/Size	Code
White single loop	(BCW601)
White double loop	(BCW601L)
Blue single loop	(BCB601)
Blue double loop	(BCB601L)

Packaging

100 pieces per inner500 pieces per carton



FREEZER WEAR

Pro-Val freezer wear is designed to provide complete comfort and protection in very cold and sub-zero working environments.

Features - Jacket and Pants

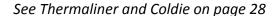
- Tested to and passed EN342:2004 protection against cold and freezing temperatures. See table on next page.
- Manufactured to meet AS/NZS 4602:1999 High visibility safety garments
- Tough, water-resistant outer shell, 100% nylon fabric
- Polyester fibrefill insulation. Lining is taffeta
- Knitted nylon collar and cuffs to lock in body warmth, and exclude cold air
- Top and bottom leg zips on pants to ensure garments are easy to put on and take off
- A variety of utility pockets as well as insulated hand pockets
- Fluorescent safety panels for visibility on front and back
- Jacket has detachable hood

Uses include

- Cold storage warehouses
- Freezers
- Freezer vans
- Cold outdoor environments
- Shipping and wharves
- Tradesmen









FREEZER WEAR



The freezer jacket and pants have been tested to and passed EN342:2004 **Refer to table below.**

CE Rules

Complies to EN340:2003 (general requirement) and EN342:2004

EN342:2004



449M²/KW

1 -	tht Activity W/M²	_	Activity W/M	² Medium 170 V	n Activity N/M²
8 H	1 H	8 H	1 H	8 H	1 H
8°C	-6°C	-1°C	-26°C	-21°C	-34°C

Freezer Jacket

Size	Code	Chest in cm
Medium	(59011)	92-100
Large	(59012)	100-108
X Large	(59013)	108-116
XX Large	(59014)	116-124
XXX Large	(59015)	124-152
XXXX Large	(59016)	152-160

Sold individually

Freezer Pants

Size	Code
Medium	(59211)
Large	(59212)
X Large	(59213)
XX Large	(59214)
XXX Large	(59215)
XXXX Large	(59216)

Sold individually

The Pro-Val Beanie is designed to provide complete comfort and protection, in very cold and sub-zero working environments.

Features - Beanie

- 3M Thinsulate for added warmth without the bulk
- Thinsulate lining 65% polyolefin / 35% polyester
- Wool / acrylic outer
- Comfortable fit

Uses include

- Cold storage warehouses
- Freezers
- Freezer vans
- Cold outdoor environments
- Shipping and wharves
- Tradesmen



Code (59275)

Packaging

10 pieces per inner (sold per inner of 10) 100 pieces per carton



PALLET & DRUM COVERS

PP and CPE elasticised covers for pallets, individual drums, or rectangular milk or bread crates.

Essential in warehouse and storage areas, these generous size pallet and drum covers are designed to keep the top surface of your product and outer packaging clean and free from dirt, dust, insects and grime.

Will help stop costly contamination.

Features - Pallet covers

- Square sheet with elastic around perimeter
- 1.4m x 1.4m
- Soft and lightweight

White

- HACCP Australia Food Safety Certification
- Made from non-woven polypropylene
- Breathable, ensuring product doesn't sweat

Blue

- Made from polyethylene CPE film
- High water resistance

Uses include

- Warehouses
- Storage areas
- Food processing
- Industry/manufacturing

White pallet cover Code (57000)

Blue pallet cover Code (57002)

Features - Drum cover

- HACCP Australia Food Safety Certification
- Made from non-woven polypropylene
- Breathable, ensuring product doesn't sweat
- Elastic around perimeter
- Soft and lightweight

Uses include

- Warehouses
- Storage areas
- Food processing
- Industry/manufacturing
- Ideal for covering bread/milk/pie crates or a single drum

Drum cover

Code (57001)







1 cover per poly bag 50 covers per carton





Packaging

100 covers per poly bag 5 poly bags per carton (500 covers)

-lealth Care Range

& PILLOW CASE



Pro-Val single use throw-over bed sheet for examination, diagnostic and massage tables.

These products help assure hygiene and confidence between clients/patients. White simplifies cleanliness verification before use.

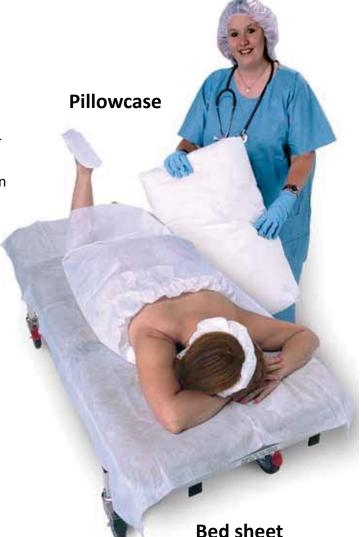
PP is softer and more comfortable than paper products.

Features

- Made from polypropylene
- Breathable and lightweight
- Soft and more comfortable than paper products
- White simplifies cleanliness verification before use
- Hygienic
- Cost effective
- Bed sheet is pre-cut 100cm x 197cm can be used under or over a client as a drape
- Pillowcase will fit standard pillows 70cm x 50cm

Uses include

- Massage therapists
- Beauty salons
- Medical clinics
- Physiotherapists, Chiropractors, alternative therapists
- Sporting clubs
- Schools



Packaging 100 pieces per carton Bed Sheet 100cm x 197cm (56001)

Packaging 200 pieces per carton Pillowcase

70cm x 50cm (56041)



HD & GP WIPES





The Pro-Val heavy duty and general purpose wipes, offer high absorbency and strength. These versatile wipes are designed to be used in the factory, home or office. HACCP Australian Food Safety Certified, the Pro-Val wipes are also ideal for use in the food manufacturing or processing areas.

Features - HD Wipes

- Heavy duty cross lapped mesh wipe
- 60gsm

HD Wipes

- **HACCP** Australia Food Safety Certification
- Size 30cm x 45cm
- Available in 3 colours blue, green and red

Packaging

Blue (40518)100 wipes per roll Green (40519)6 rolls per carton Red (40520)600 wipes

Features - GP Wipes

- General purpose cross lapped mesh wipe

GP Wipes

Blue

Green

Yellow

Red

HACCP Australia Food Safety Certification

(40513)

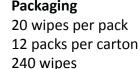
(40514)

(40515)

(40516)

- Size 60cm x 30cm
- Available in 4 colours blue, green, yellow and red

Packaging 20 wipes per pack



Uses include

- Food processing and preparation
- Pharmaceutical and medical
- Surface preparation
- Hospitality
- General cleaning



Features - HD Wipe Dispenser

- White powder coated bracket
- Complete with screws for wall mounting

HD Wipe Dispenser (40525)

Packaging

6 brackets per carton



VC WIPES





The Pro-Val VC wipes have exceptional strength, durability and absorbency. With extremely low lint, used wet, dry or in-between, these wipes are more versatile than cloths and rags.

Features

- Made from non-woven fibre, spun laced
- 90% viscose / 10% polyester
- Stronger and more durable than paper
- Offers excellent value for use
- Extremely low lint
- Weight 60g/m2
- Size 60cm x 32cm

Uses include

- Food processing and preparation
- Pharmaceutical and medical
- Chemical clean up/spill station kits
- Automotive and transportation
- Heavy industrial
- Machinery
- Surface preparation
- Graphic arts
- Electronic equipment and components
- Aerospace
- Paint spraying
- Polishing

Code (VC600)

Packaging

50 wipes per poly bag 6 poly bags per carton 2 cartons per shipper (600 wipes)



WP WIPES



The Pro-Val WP solvent wipe is tough and durable, able to absorb more than 7 times its own weight.

WP wipes are low lint, with excellent all-round performance. Ideal for cleaning and wiping applications that involve grease, oil, diesel and dirt.

Features

- Made from a composition of woodpulp and polyester fibres
- Exceptional strength
- Excellent absorbency
- Low lint
- Solvent resistant
- Size: Perforated roll 29cm x 40cm
 Dispenser style poly bag 35cm x 30cm

Uses include

- Solvent wiping
- Machinery
- Food industry
- Transport industries
- Chemical cleanup
- Engineering industries
- Heavy industrial
- Mechanics

Code Perforated roll (40511)

Packaging

500 wipes per roll 2 rolls per carton (1000 wipes)

Code Dispenser style poly bag (40510)

Packaging

50 wipes per poly bag 6 poly bags per carton 2 cartons per shipper (600 wipes)

DE-SOLV-IT





De-Solv-it cleaner is a highly effective citrus based solvent that is your answer for many degreasing, dewaxing and adhesive removal tasks.

De-Solv-it is not Class 3 Flammable (WorkSafe criteria) which ensures it is much safer than traditional hydrocarbon solvents.

De-Solv-it cleaner has no overwhelming vapours and requires no expensive additional protective clothing besides gloves and safety glasses.

Features

- Not Class 3 Flammable (WorkSafe criteria)
- No overwhelming vapours
- Natural citrus based solvent
- Australian made

Water rinseable

- Simply use warm soapy water to remove.

Safe to use on

- Metals
- Glass
- Tile/formica
- Painted surfaces
- Ceramics
- Many plastics
- Clothing/fabrics (not silk, suede or leather)







Scan QR code for more information and Material Safety Data Sheet (MSDS) or visit our website

www.rcr.com.au

Size	Code	Packaging
125ml squeeze bottle	(915)	20 per carton
300ml pump spray pack	(916)	12 per carton
750ml trigger pack	(917)	10 per carton
4 litre container	(DES4W)	4 per carton
20 litre container with tap	(DES20W)	1 container
200 litre drum	(DE200)	1 drum

Applications for DE-SOLV-IT

Customers have given us extensive feedback and are using De-Solv-it for a wide variety of applications with great success. De-Solv-it takes off, removes, degreases and cleans all of the listed below:



Oil Exploration

Desolving oil and tar build up in drilling core.



Automotive and Marine



- Degreasing of parts/machinery and tools.
- Dewaxing surfboards.
- Clean boat bilge tanks.
- Silicon sealant residue.
- Clean fishing and trawling nets.
- Strips solar film and adhesive from windows.
- Road tar, grease, oil and grime from cars, trucks, trailers and boats.
- Detail cleaning of sticky substances from vehicle upholstery and carpets.
- Removing oils in workshop areas, concrete floors and driveways.
- * Care: De-Solv-it can cause rubber to swell if not rinsed off thoroughly



Janitorial and Domestic

- Labels from appliances, cutlery, crockery and
- Oil and grease from driveways and garage
- Scuff marks on floors and skirting boards.
- Crayons from walls and other surfaces.
- Chewing gum from carpets (do not spray directly on carpet), clothes, hair.
- Masking tape or any other adhesive tape residues.
- Pre-stain treatment for clothes and carpet.
- Grease traps and drains clogged with greasy grime or soap scum.
- Bathroom cleaning of soap scum in sinks and showers.
- Degreasing deep fryers, stoves, BBQ's splash back areas in kitchen and stainless steel.
- Dewaxing floors.
- Wax out of many fabrics (not silk, suede or
- Cleansing oily sweat and grime from gymnasium benches and equipment.
- Removes Blu-Tack.

Industry and Construction

- Cable cleaner, removes cable jelly and other oil and grease based soils on optic fibres and telecommunications cables.
- Gunk from printed circuit boards.
- Labels and adhesives from clogged rollers on labelling machinery (e.g. beverage and bottling companies, fruit labelling etc).
- Labels on pallet racking and shelving systems.
- Post construction clean up.
- Tar based adhesives in tile removals.
- Clean up of wet oil paint.
- Silicon sealant residue.
- Wax from fruit waxing machinery and candle making equipment.
- Glue residues in cabinet making and computer casing.



Medical

- Removing surgical tape and adhesives off medical equipment
- Labels from beds, walls, charts, pumps, infusion lines.
- Removing adhesives from prosthesis.
- Laundry pre-wash spray for medical linens.



Beauty and Hairdressing

- Wax removal from pots, benches and equipment.
- Removal of glue/adhesives on hair extensions and wigs.



Retail

- Price labels from fixtures and product.
- Double sided tape.

DISCLAIMER

The Material Safety Data Sheet (MSDS) should be read for formulation of safe handling practices and summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read the MSDS and consider the information in the context of how the product will be handled and used in the workplace where other products may be present. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.



















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