DISPOSABLE GLOVES

Disposable gloves are split into categories according to their construction material and application of chemical resistant, medical or minimal risk.

They are available in the following materials: Latex, Neoprene, Vinyl, Nitrile, Polyethylene and Polymer.

EUROPEAN STANDARDS

EN420 - General Requirements

EN420 defines the general requirements for most types of protective gloves:

- Product and packaging information and marking
- Comfort and efficiency
- Fitness for the purpose
- Innocuousness
- Storage
- Sizing

EN455 - Medical Use

EN455 defines the requirements and testing carried out on single-use gloves intended for medical purposes. It covers 4 key areas:

- **EN455-1:** Freedom from holes
- **EN455-2:** Physical properties
- **EN455-3:** Biological evaluation
- **EN455-4:** Shelf life determination

EN1149 - Electrostatic Properties

This is a series of standards for test methods and requirements for the Electrostatic Properties of protective clothing. Coverage includes:

- **EN1149-1:** Measure of surface resistivity
- **EN1149-3:** Measure of charge decay
- **EN1149-5:** Material and design requirements

EN374 - Chemical and Micro-Organisms

	Rating
EN374-2 Resistance to penetration by micro-organisms. Referred to as Acceptable Quality Level (AQL)	1-3
EN374-3 Resistance to chemical hazards (permeation)	1-6

Medical Devices Directives 93/42/EEC

The Medical Devices Directives classify devices according to the potential hazard, expected duration of contact and expected invasiveness. If a product conforms to the Medical Devices Directives it must carry a CE mark on its packaging and may also provide a statement of its classification. In addition, the properties of medical devices are described by a range of standards.

Classification of Devices

Class I
Non-invasive devices, for example, examination gloves (entry into a bodily orifice is not considered invasive). Class I is generally regarded as low-risk.

Class I – Sterile
Sterilised Class I devices, for example, sterile procedure gloves. Class I is generally regarded as low-risk.

Class IIa
Short-term invasive devices, for example surgical gloves. Class IIa is generally regarded as medium-risk.

Information pertaining to a product's classification within the Medical Devices Directive can be obtained from individual product datasheets on the RS website.

Safety delivered

Workplace safety is a requirement and concern for businesses of all shapes and sizes. RS has dedicated the month of October to focus on how we can support you in keeping your employees safe.

Keep a lookout for our upcoming brochure on workplace safety where you will see our continuously growing offer for personal, machine, electrical and site safety.

For all your safety needs

Personal Safety delivered

An overview of personal protection provided to you by RS

For all your safety needs

REUSABLE GLOVES

We have divided our reusable gloves range into nine types according to application: anti-vibration, chemical resistant, cold resistant, cut resistant, electrical safety, general purpose, heat resistant, puncture resistant & special purpose gloves.

EUROPEAN STANDARDS

EN420 - General Requirements

- EN420 defines the general requirements for most types of protective gloves:
- Product and packaging information and marking
- Design and construction
- Fitness for the purpose
- Comfort and efficiency
- Innocuousness
- Storage
- Sizing

Electrical Safety Gauntlets

Electrical safety gauntlets are classed by the maximum working AC voltage that they protect against:

Class	Maximum working AC voltage
00	500V
0	1,000V
1	7,500V
2	17,000V
3	26,500V
4	36,000V

The higher the 'Rating' Score, the better the performance.
0 represents a fail; X denotes no test was carried out.

Mechanical Hazards EN388	Rating
a. Resistance to abrasion	0-4
b. Blade cut resistance	0-5
c. Tear resistance	0-4
d. Puncture resistance	0-4

abcd

Chemical and Micro-Organism EN374	Rating
EN374-2 Resistance to penetration by micro-organisms. Referred to as Acceptable Quality Level (AQL)	1-3
EN374-3 Resistance to chemical hazards (permeation)	1-6

Thermal Hazards (Heat and/or Fire) EN407	Rating
a. Burning behaviour	0-4
b. Contact heat	0-4
c. Convection heat	0-4
d. Radiant heat	0-4
e. Small splashes of molten metal	0-4
f. Large splashes of molten metal	0-4

abcd

Protection from Cold EN511	Rating
a. Resistance to convection cold	0-4
b. Resistance to contact cold	0-4
c. Permeability to water	0-1

Let RS protect you **from head to toe**

Ear Protection

	Ear Plugs	Ear Defenders	Communication Ear Defenders
3M	●	●	●
MOLDEX	●		
uvex	●		
JSP	●	●	
3M E-A-R™	●		
3M Peltor™		●	●
HOWARD LEIGHT by Honeywell	●	●	●
RS PRO	●	●	

Respiratory

	Disposable	Reusable
MOLDEX	●	
uvex	●	
3M	●	●
ALPHA SOLWAY	●	
Honeywell	●	
JSP	●	●
RS PRO	●	●

Fall Arrest

	Harnesses	Blocks & Lifelines	Karibiners & Anchor Points	Lanyards
SALA	●	●	●	●
JSP	●	●	●	●
MILLER by Honeywell	●			
PETZL		●	●	●
PROTECTA	●	●	●	●

Foot Protection

Safety Shoes/Boots

Honeywell · DEWALT · CAT · DUNLOP · Timberland PRO · Dr. Martens · uvex · scruffs HARDWEAR · Dickies · RS PRO

Eye Protection

	Glasses	Goggles
3M	●	●
DEWALT	●	
bollé SAFETY	●	●
uvex	●	●
Honeywell	●	
JSP	●	
RS PRO	●	●

Hand Protection

	Disposable	Reusable
Kimberly-Clark PROFESSIONAL	●	●
Polyco	●	●
uvex	●	●
SHOWA		●
Honeywell		●
RS PRO	●	●
Skytec	●	●
MAPA PROFESSIONNEL		●

Head Protection

	Hats/ Headwear	Bump Caps	Helmets/ Hard hats
scruffs HARDWEAR	●		
RS PRO	●	●	●
JSP		●	●
PETZL			●
3M Peltor™			●
3M			●

Clothing

	Coveralls/ Overalls	T-shirts/ Polo Shirts	Sweatshirts/ Fleeces	Jackets	Trousers
3M	●				
Dickies	●	●	●	●	●
Kimberly-Clark PROFESSIONAL	●				
RS PRO	●	●	●	●	●
Tyvek	●				
DUPONT	●				
MICROGARD	●				
scruffs HARDWEAR		●	●	●	●
DEWALT			●	●	●

For all your safety needs

uk.rs-online.com