



PROTECT YOUR HANDS... USE THE CORRECT GLOVE FOR YOUR APPLICATION



POLYMERS

Naturally occurring and man-made polymers are essential building blocks of hand protection. Specific polymers protect workers from specific hazards. There is no ideal glove that works in every situation. Best® utilizes a variety of polymer coatings and fabrics, designed for a variety of tasks.

NEOPRENE (POLYCHLOROPRENE, CR)

Strong, durable neoprene gloves provide excellent protection from physical hazards such as cuts and abrasions and also provide excellent chemical resistance for protection from exposure to organic and inorganic acids. Neoprene gloves also provide excellent protection from many organic solvents, oils, greases and petrochemicals and resist degradation from ozone, sunlight and oxidation. In addition, neoprene remains functional and flexible at temperatures ranging from -10° to 300°F (-23° to 150°C).



Neoprene

NITRILE (ACRYLONITRILE-BUTADIENE RUBBER)

Nitrile, a versatile synthetic copolymer, is used to make a variety of gloves ranging from heavy-duty work gloves to ultra-thin medical and clean room gloves. Nitrile coating provides tough protection from physical hazards such as cut, puncture or abrasion. Nitrile-dipped gloves also provide chemical resistance to petrochemicals (especially fuels), oils, greases, pesticides and other agricultural chemicals while providing excellent dexterity.



Nitrile

VITON® (FLUOROELASTOMER)

Viton® provides excellent chemical resistance to fuels used in the aerospace industry. It provides excellent protection from exposure to aromatic hydrocarbons such as benzene, toluene or xylene. Viton® gloves are available in unsupported version only. For working with extremely hazardous chemicals such as carcinogenic or highly toxic chemicals, Viton® works where no other glove works.



Viton®

NATURAL RUBBER

Natural rubber, the most elastic substance known, is found in over two hundred plants including the rubber tree (Hevea Brasiliensis), the source of natural rubber latex used to manufacture gloves. Natural rubber is a flexible and soft, yet tough and durable coating that provides excellent protection from physical hazards and provides an outstanding grip. Natural rubber provides excellent protection from exposure to aqueous chemicals such as acids and caustics, and limited protection from alcohols and ketones. Natural rubber gloves do not hold up well in organic solvents, oils, greases or fuels such as kerosene or gasoline.

CAUTION: Natural rubber latex has been shown to cause allergic reactions in sensitised individuals.



Natural Rubber

PVC (POLYVINYL CHLORIDE)

PVC is an economical synthetic thermoplastic polymer that is exceptionally durable. PVC gloves provide excellent protection from limited chemical exposure and physical hazard protection. They are noted for being durable and function well in temperatures ranging from -30° up to 212°F (-34° up to 100°C).



PVC

BUTYL® (BUTYL RUBBER)

Butyl® rubber's tight molecular structure provides excellent chemical resistance to gases and ketones. Butyl® gloves are manufactured in unsupported version only and are used by the military for protection from chemical warfare agents. Butyl® rubber is severely affected by exposure to fuels and aliphatic and aromatic hydrocarbon solvents.



Butyl®

TYPES OF GLOVES

DISPOSABLE GLOVES

This category of unsupported gloves is generally characterised as a thin-gauge glove that is not intended for repeated use. They may have a donning agent such as powder or a polyurethane slip coating, or powder-free.

LAMINATED GLOVES

This special nitrile-coated fabric is made by transfer-coating the nitrile polymer onto a textured surface and then laminating the nitrile film onto Sanitized® poly-cotton fabric for superior comfort and flexibility.

IMPREGNATED GLOVES

This special nitrile or PVC-coated fabric is made by knife-coating nitrile or PVC directly onto Sanitized® cotton fabric.

SUPPORTED GLOVES

These gloves offer a polymer coating over a cotton, nylon or aramid liner. The textile substrate imparts adds strength and resistance to abrasion, cuts and punctures.

UNSUPPORTED GLOVES

These are polymer gloves with no textile lining. These gloves include heavyweight, medium weight or disposable gloves. They may be chlorinated or have a cotton flock lining for easier donning.

CUT RESISTANT GLOVES

This special category is characterized by the utility of the gloves and includes either polymer-coated gloves or special high performance yarns that are designed to impart cut-resistance or combinations of these.