Different Gloves, Usage, and Applicable Standards

	Glove Type	Usage	Further Information on Applicable Standards
Chemical	Nitrile Examination Gloves	General lab use with small volumes of low hazard chemicals. Offer splash protection against many organic solvents, but are quickly penetrated by some common solvents, including acetone and dichloromethane. Have poor mechanical resistance.	EN374
	Nitrile Examination Gloves, Double Gloved	Used with small volumes of solvents/acids/bases. Slightly more protection than single gloves due to increased thickness. Still only to be used for splash protection against chemicals they are permeable to. Have poor mechanical resistance.	EN374
	Latex Examination Gloves	Used with small volumes of low hazard chemicals. Better than nitriles at protecting against certain solvents. Not used as a "general" use glove as they can cause an allergic reaction. Have poor mechanical resistance. Best when a specific chemical resistance is required with high manual dexterity. Can be double gloved with nitriles.	EN374
	Nitrile Gauntlets	Offer immersion protection against a range of chemicals. Are good for most oils and greases, acids and bases. Have reasonable mechanical resistance, but will reduce dexterity.	EN374
	Butyl Rubber Gauntlets	Offer immersion protection against a range of chemicals. Are good for ketones and esters. Have reasonable mechanical resistance, but will reduce dexterity.	EN374
	PVC Gauntlets	Offer immersion protection against a range of chemicals. Are good for acids, fats and many hydrocarbons. Have reasonable mechanical resistance, but will reduce dexterity.	EN374
	Silver Shield Laminate Gloves	Often used as an "over" glove. Have very good resistance to most chemicals but have very little mechanical resistance and are punctured/cut easily.	EN374
Mechanical	Stainless Steel Gloves	The best abrasion/blade cut/tear resistance. Zero puncture resistance or chemical resistance.	EN388
	Kevlar Gloves	Offer good abrasion/blade cut/tear resistance, with puncture resistance against general hand tools, but not against needlesticks.	EN388
	Leather Gloves	Offer good abrasion/tear resistance, but minimal puncture and cut resistance. Typically used for outdoor work or moving bulky items.	EN388
Temperature	Heat Resistant Glove	Have defined resistance to flammability and contact/convective/radiant heat.	EN407
	Welders Glove	Have the above characteristics plus defined resistance to large and small splashes of molten metal.	EN407
	Cold Protection Glove	Have defined resistance to convective and contact cold, plus defined resistance to water permeation.	EN511