

This document is to be used as a supplement to the Hazard Assessment Tool for Shops in the selection of appropriate personal protective equipment (PPE) for the Shop.<sup>1</sup>

Applicab	Specific type	Characteristics	Applicatio
le PPE	(example)		ns
Light vinyl or nitrile gloves	Disposable nitrile gloves	Puncture, abrasion resistant, protection from splash hazards  *Available in the warehouse	Working with Biological Hazards and chemical splash hazards
	Disposable vinyl gloves	Economical, durable, similar to latex, but allergy free  Online purchase https://www.grainger.com/product/CONDOR-Disposable-Gloves-Food-Grade-21DL28	Biological Hazards
Light chemical resistant gloves	Butyl gloves	High permeation resistance to most chemicals  Online purchase https://www.grainger.com/product/MCR-SAFETY-Chemical-Resistant-Glove-7-60HP94	Large volumes of organic solvents, small to large volumes of dangerous solvents, acutely toxic or hazardous materials
	Nitrile gloves	Chemical resistant, good puncture, cut, and abrasion resistance  Online purchase https://www.grainger.com/product/HONEYWELL-Chemical-Resistant-Glove-0-785TW2	Apparatus under pressure, air or water reactive chemicals
Light to heavy chemical resistant gloves	Viton® II gloves	High permeation resistance to most chemicals  Online purchase https://www.grainger.com/product/ALPHATEC-Chemical-Resistant-Gloves-3PXD9	Same as butyl gloves, plus hazardous material spills

Jan 2023 -1- PPE Selection Guide

<sup>&</sup>lt;sup>1</sup> Products illustrated can be purchased from numerous manufacturers links included are from grainger.com

Applicab le PPE	Specific type (example)	Characteristics	Applicatio ns
Hand protection shops	Work gloves	General mechanics glove, minimal cut and abrasion resistance  *Available in the warehouse	General tasks not involving sharp edges, heat or other hazards
	Work gloves	General mechanics glove, minimal cut and abrasion resistance  *Available in the warehouse	General tasks not involving sharp edges, heat or other hazards
	Cut Resistant gloves	Mechanics glove for use when there is risk of laceration or abrasion  Online purchase https://www.grainger.com/product/PIP-Knit-Gloves-L-9-581R87?opr=PDPRRDSP&analytics=dsrrItems_581R86	For use when working around sharp edges, such as sheet metal, glass or porcelain
Protective clothing	Chaps	Cut and puncture resistant  Online purchase https://www.grainger.com/product/ELVEX-Chaps-Nylon- 3MAG6?searchQuery=3MAG6&searchBar=true&tier=Not+A pplicable	Working with flying debris such as gardening equipment or chainsaws
	Denim Shop Apron	Protects clothing from dirt, dyes, debris, or non-hazardous chemicals  Online purchase https://www.grainger.com/product/CONDOR-Shop-Apron-Denim-1N874	General industrial, maintenance, construction, carpentry, or shop applications

Jan 2023 -2- PPE Selection Guide

Applicab le PPE	Specific type (example)	Characteristics	Applicatio ns
	Leather Shop Apron	Protects clothing from dirt, dyes, debris, or non-hazardous chemicals  Online purchase https://www.grainger.com/product/CONDOR-Welding-Apron-Bib-Apron- 5T179?opr=PDPRRDSP&analytics=dsrrltems 38RL37	General industrial, maintenance, construction, carpentry, or shop applications, welding
Eye/face Protection	Glasses	Impact resistant lens with anti-fog coating  *Available in the warehouse	Working around equipment, tools or conditions where flying debris could impact eyes
	Tight fitting goggles	Tight fitting, protects eyes from impact, spray, paint, chemicals, flying chips, dust particles Polycarbonate lens, indirect ventilation, meets ANSI and OSHA specifications  *Available in the warehouse	Working with corrosive liquids, organic solvents, hazardous chemicals, air or water reactive chemicals, dusty or dirty operations
	Disposable face shield	Prevention of splashing biological or light chemicals to face  *Available in the warehouse	Fur use when working with grey, black water or biologicals
		Chemical resistant face shield  Online purchase https://www.grainger.com/product/MCR-SAFETY-Ratchet-Face-Shield-Assembly-9TZ55	For use with mild acids, caustics, aromatic hydrocarbons . For use when splash hazard. For use when using air or water reactive or in operations that produce flying particles.

Jan 2023 -3- PPE Selection Guide

Applicab le PPE	Specific type (example)	Characteristics	Applicatio ns
Respirator (any respirator use will require interventio n with EHS, including training, fit testing and medical evaluation)	N-95	Protects against dusts, fumes, mists, microorganisms  *Available in the warehouse	Working with high amounts of debris or dusty environments
	Half face	Air purifying respirator protects against variety of particulates, vapors, dust, mists, fumes; depends on filter cartridge used	Working with high amounts of debris or dusty environments; chemical vapors; particulates
	Full face	Same as half- face, but with greater protection factor, and greater protection of eyes and face; depends on filter cartridge used	Working with high amounts of debris or dusty environments; chemical vapors; particulates
	Disposable Ear Plugs	Polyvinyl Chloride (PVC) or Polyurethane foam, one time use design (no cleaning), one size fits all, light weight, low cost, blocks all sound  Online purchase <a href="https://www.grainger.com/product/HONEYWELL-HOWARD-LEIGHT-Ear-Plugs-Bell-5FV22">https://www.grainger.com/product/HONEYWELL-HOWARD-LEIGHT-Ear-Plugs-Bell-5FV22</a>	Working with high powered equipment such as shop machinery, power tools, or gas powered equipment.
Ear Protection	Reusable Ear Plugs	Silicone, tapered fit, reusable (needs cleaning), corded or uncorded, light weight, more durable than disposable  Online purchase https://www.grainger.com/product/HEXARMOR-Ear-Plugs-Flanged-61TM45	Working with high powered equipment such as shop machinery, power tools, or gas powered equipment. Can be used for

Jan 2023 -4- PPE Selection Guide

Applicab le PPE	Specific type (example)	Characteristics	Applicatio ns
	Hearing Band	Ear plugs connected to a flexible band that can be worn around the neck when not needed  Online purchase https://www.grainger.com/product/MOLDEX-Banded-Ear-Plugs-Bell-3EAU4	Working with high powered equipment such as shop machinery, power tools, or gas powered equipment.
	Earmuffs	One size fits all, fits better for longer periods of time, higher noise reduction rating, very durable, dielectric  Online purchase https://www.grainger.com/product/CONDOR-Ear-Muffs-Over-the-Head-Earmuff-26X627	Working with high powered equipment such as shop machinery, power tools, or gas powered equipment.
	Safety Boots	Steel toe offers toe protection, durable, puncture resistant  *See manager for shoe purchases	Working in areas with power tools or heavy machinery used in construction.
Footwear Protection	Chemical Resistant Boot	High permeation resistance to most chemicals  *See manager for shoe purchases	Working with large amounts of chemical compounds or during chemical spill clean-up
	Slip Resistant	Slip resistant sole, comfortable, light weight  *See manager for shoe purchases	Working in areas made of tile, marble, or terrazzo.

Jan 2023 -5- PPE Selection Guide