

PPE Purchasing Guide

1. Introduction This guide assists in purchasing appropriate personal protective equipment, ensuring compliance with safety standards and hazard-specific requirements.

2. Approved Suppliers Use the Show Me Shop Suppliers for purchasing lab safety equipment: [Show Me Shop Suppliers](#)

3. Personal Protective Equipment (PPE)

3.1 Lab Coats

- **Types:** Basic (full cotton/polyester), Flame Resistant (FR-rated), Aprons
- **Selection Criteria:**
 - Based on chemical hazard evaluation
 - Must be appropriately sized, buttoned/snapped fully
 - Prefer knit cuffed sleeves and snap closures
- **Special Notes:**
 - FR coats are required for pyrophoric materials and labs with flammable liquids/open flames
 - Do not launder lab coats at private residences/public facilities

Image	Link	Available to try on?	Sizes available
	Fisherbrand™ Unisex Cotton Lab Coats- https://www.fishersci.com/shop/products/unisex-cotton-lab-coats-6/19181594#?keyword=lab%20coat	No	

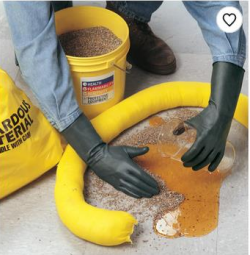
	Fisherbrand™ White Unisex Lab Coats With Knit Cuffs- https://www.fishersci.com/shop/products/unisex-lab-coats-9/19181563#?keyword=lab%20coat	No	
	White Swan™ Meta Maxima™ Fluid-Resistant Lab Coat with Knit Cuffs- https://www.fishersci.com/shop/products/white-swan-meta-maxima-fluid-resistant-lab-coat-knit-cuffs-7/18999945E#?keyword=	No	
	Bulwark™ Concealed Snap Front Cotton Lab Coats- https://www.fishersci.com/shop/products/bulwark-concealed-snap-front-cotton-lab-coats-5/19296583#?keyword=	No	
	DuPont™ Tyvek™ Bib Apron- https://www.fishersci.com/shop/products/dupont-tyvek-bib-apron-sleeves-1/0136183#?keyword=	No	

	CritiCore Protective Wear Unisex Cotton Lab Coats- https://www.fishersci.com/shop/products/unisex-cotton-lab-coat-18/18111226#?keyword=CritiCore%20Protective%20Wear%20C2%A0Unisex%20Cotton%20Lab%20Coats	Yes	S-XL
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3.2 Gloves

- **Selection Based on Hazards:**
 - **Chemical Protection:** Varies with chemical type (grip needed for oily substances)
 - **Abrasion Resistance:** Leather/cotton gloves
 - **Cut Protection:** Metal mesh gloves
 - **Heat Protection:** Cotton/leather for moderate heat; vitreous fiber for high heat
 - **Cold Protection:** Insulated gloves, with liquid barriers for liquefied gases
 - **Food Safety:** Gloves preventing bacterial/viral transfer

Image	Link	Available to try on?	Sizes
	Ansell MICROFLEX™ 93-260 Polychloroprene Gloves- https://www.fishersci.com/shop/products/93-260-nitrile-chemical-resistant-gloves/19010155#?keyword=	No	

	Ansell AlphaTec Solvex 37-145 Nitrile Glove- https://www.fishersci.com/shop/products/ansell-sol-knit-nitrile-gloves-28/11391136E#?keyword=Ansell%20AlphaTec%20Solvex%2037-145%20Nitrile%20Glove	Yes	
	SHOWA 890 Unlined Viton Chemical Resistant Butyl Gloves- https://www.fishersci.com/shop/products/890-unlined-viton-chemical-resistant-butyl-gloves/19052732#?keyword=SHOWA%20A0890%20Unlined%20Viton%20Chemical%20Resistant%20Butyl%20Gloves	No	
	SHOWA 874 Series Chemical Resistant Butyl Gloves- https://www.fishersci.com/shop/products/best-butyl-ii-gloves-10/19050071A#?keyword=SHOWA%20A0874%20Series%20Chemical%20Resistant%20Butyl%20Gloves	No	
	Ansell AlphaTec 38-514 Chemical Resistant Butyl Gloves- https://www.fishersci.com/shop/products/alphatec-38-514-chemical-resistant-butyl-gloves/19014453#?keyword=Ansell%20AlphaTec%2038-514%20Chemical%20Resistant%20Butyl%20Gloves	No	

	Fisherbrand Comfort Nitrile Gloves- https://www.fishersci.com/shop/products/comfort-nitrile-gloves-5/19041171D#?keyword=Fisherbrand%C2%A0Comfort%20Nitrile%20Gloves	Yes	S-XL
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3.3 Eye Protection

- **Hazard Assessment:** Conduct a walk-through to identify potential hazards:
 - Impact, Heat, Chemical Splashes, Dust, Glare, Optical Radiation
- **Risk Assessment Categories:** Likely, Possible, Negligible
- **Selection:** Choose appropriate eyewear, including prescription options if needed

[Prescription Safety Glasses](#)

Image	Link	Available to try on?	Sizes
	3M™ Virtua™ Eyewear- https://www.fishersci.com/shop/products/3m-virtua-eyewear-9/19121279#?keyword=	Yes	OS
	Fisherbrand™ Clear Safety Glasses- https://www.fishersci.com/shop/products/clear-safety-glasses/19181514#?keyword=	No	
	Fisherbrand™ Chemical Splash and Impact Goggles- https://www.fishersci.com/shop/products/chemical-splash-impact-	No	

	goggles/19181504#?keyword=		
	Ansell KleenGuard™ V80 Revolution™ OTG Safety Goggles- https://www.fishersci.com/shop/products/kimberly-clark-professional-jackson-safety-v80-revolution-otg-goggles/191300480	No	

3.4 Hearing Protection

- **Types:**
 - **Enclosure Protection:** Full head coverage (rarely used due to cost/bulk)
 - **Aural Inserts:** Disposable, formable, pre-molded, custom-molded plugs
 - **Superaural:** Inserts with headbands (canal caps)
 - **Circumaural:** Earmuffs covering the entire ear

Image	Link	Available to try on?	Sizes
	3M™ PELTOR™ Earmuffs, Green- https://www.fishersci.com/shop/products/peltor-earmuffs-green/17000631#?keyword=	No	
	Fisherbrand™ Bell Shape Disposable Ear Plugs- https://www.fishersci.com/shop/products/bell-shape-disposable-ear-plugs-2/p-	No	

	200008688#?keyword=		
	3M™ E-A-R™ Classic™ Ear Plugs- https://www.fishersci.com/shop/products/3m-e-a-r-classic-earplugs-6/17380#?keyword=	No	

4. Purchasing Process

- Evaluate hazards in your lab environment
- Select PPE based on specific risks
- Order through approved suppliers for compliance and quality assurance

5. Navigating the Purchasing Website

1. Visit the [Show Me Shop Suppliers](#) website.
2. Log in with your institutional credentials.
3. Use the search bar to enter product names.
4. Filter results by supplier, category, or price as needed.
5. Add selected items to your cart.
6. Review your cart for accuracy.
7. Proceed to checkout, following institutional procurement procedures.
8. Save or print your order confirmation for records.