

TABLE 5. SELECTION OF HAND PROTECTION

Hazard	Degree of Hazard	Protective Material
Abrasion	Severe	Reinforced heavy rubber, staple reinforced heavy leather
	Less Severe	Rubber, plastic, leather, polyester, nylon, cotton
Sharp Edges	Severe	Metal mesh, staple-reinforced heavy leather, Kevlar aramid-steel mesh
	Less Severe	Leather, terry cloth (aramid fiber)
	Mild with delicate work	Lightweight leather, polyester, nylon, cotton
Chemicals		Refer to ORCBS website http://www.orcbs.msu.edu/chemical/chemical.html
Cold	Severe	Cryo-gloves, Zetex – not for immersion in liquid nitrogen
	Less severe	Leather, insulated plastic or rubber, wool, cotton
Electricity		Rubber-insulated gloves tested to appropriate voltage meeting ANSI/ASTM D120-87e1
Heat	High temperatures (over 350 deg C)	Zetex high temperature
	Medium high (up to 350 deg C)	Nomex, Kevlar, heat resistant leather with linings
	Warm (up to 200 deg C)	Nomex, Kevlar, heat-resistant leather, terry cloth (aramid fiber)
	Less warm (up to 100 deg C)	Chrome-tanned leather, terry cloth
General Duty		Cotton, terry cloth, leather
Product Contamination		Thin film plastic, lightweight leather, cotton, polyester, nylon