







Glove Selection Chart

Glove Material	Intended Use	Example
<p style="text-align: center;">Natural Rubber Latex</p>	<ul style="list-style-type: none"> • Highly flexible and conforming material • Known allergen • Avoid using if possible 	
<p style="text-align: center;">Butyl</p>	<ul style="list-style-type: none"> • Synthetic rubber • Good resistance to weathering and wide variety of chemicals • Avoid gasoline and aliphatic, aromatic, and halogenated hydrocarbons 	
<p style="text-align: center;">Neoprene</p>	<ul style="list-style-type: none"> • Synthetic rubber • Good wear and chemical resistance • Avoid halogenated and aromatic hydrocarbons 	

<p>Nitrile</p>	<ul style="list-style-type: none"> • Copolymer with wide range of acrylonitrile • Disposable & Reusable options 	
<p>Poly (vinyl alcohol)</p>	<ul style="list-style-type: none"> • Water soluble polymer • Good resistance to many organic solvents • Avoid water-based solutions 	
<p>Poly (vinyl chloride)</p>	<ul style="list-style-type: none"> • Good resistance to abrasions • Avoid organic solvents 	

<p>Polyurethane</p>	<ul style="list-style-type: none"> • Abrasion resistant rubber • Used to coat into fabrics or formed into gloves and boots 	
<p>4H[®]/Silvershield[®]</p>	<ul style="list-style-type: none"> • Highly chemical resistant • Poor fitting (hand mobility) 	
<p>Viton[®]</p>	<ul style="list-style-type: none"> • Highly chemical resistant • Very expensive • Avoid ketones 	

<p>Cryogenic Material/ thermal fabric</p>	<ul style="list-style-type: none"> • Used for cryogenic material, liquid nitrogen, liquid helium, dry ice • Avoid hot items 	
<p>All Cotton Terry Cloth</p>	<ul style="list-style-type: none"> • Used for autoclave work • Heat resistant up to 232°C • Two length options for wrist and forearm protection 	
<p>Kelvar®/Nomex®</p>	<ul style="list-style-type: none"> • Synthetic fiber • Good resistance to abrasions and cuts • Briefly withstand heat up to 538°C • Lightweight and flexible 	



Resources/ Suppliers

- Ansell
<https://www.ansellguardianchemical.com/home>
- HexAmour
https://www.hexarmor.com/products#q=&page=1&product_type=Gloves
- Kimberly Clark
<https://www.kcprofessional.com/en-us/products/scientific-and-research>
- Mapa
<https://www.mapa-pro.com/our-gloves>
- Microflex
<https://www.ansell.com/us/en/industrial/brands/microflex>
- Saf-T-Gard
<https://www.saftgard.com/shop-saf-t-gard/>