



NITRILE vs. VINYL

Why Are Nitrile Gloves The Better Choice?

	Nitrile Exam Gloves		Vinyl Gloves	
Level of Barrier Protection	Nitrile film is highly resistant to punctures and tears.		Breaks and punctures easily during use. Poor wrist grip and sagging fingers of the glove compromises its barrier integrity.	
Allergen	Contains no latex proteins.		Contains no latex proteins.	
Strength & Durability	Nitrile gloves are extremely strong, with greater strength and durability compared to vinyl gloves.		Vinyl has a very weak glove film and tends to break and puncture easily when stressed, tensile strength is very low compared to nitrile.	
Elasticity	High elasticity with good elongation. Nitrile exhibits some memory, allowing the gloves to conform to the wearer's hands.		Elasticity is limited and varies from brand to brand, elongation is low and the glove demonstrates low memory.	
Fit & Comfort	Provides very good comfort and fit due to its high elasticity and memory.		Low elasticity limits fit and comfort for users. The wrist diameter is often very wide, making the gloves very loose-fitting around the cuff.	
Chemical* Resistance	Nitrile demonstrates excellent resistance to most chemicals, especially harsh solvents and most chemotherapy drugs.		Vinyl has poor resistance to a number of chemicals (including alcohol used in hand sanitisers soaps), offering less protection, due to its composition.	
Economy	Nitrile is marginally more expensive than vinyl, but can be justified when weighed against the features and benefits of the vinyl gloves.		Vinyl is a low cost alternative due to its low performance. It is not a cost effective solution in the long term.	
Recommended Use	Available in sterile and non-sterile options, nitrile gloves should be the glove of choice for all industries. Primarily, nitrile gloves are suitable for use in health and aged care environments, and food processing and production.		Vinyl gloves are only suitable for non-clinical procedures and should only be used in clinical situations where risk of contact with body fluids is very low. Vinyl gloves are often used for preparation of food and other non-critical applications, where exposure to hazards and contaminates are low.	

*When used in accordance with the recommended guidelines.

A brand by



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Protection Always On