



ALOE-SHIELD™

PATENT-PENDING

The World's First Accelerator-Free Aloe Vera Nitrile Exam Glove

More than ever before, it's clear that glove users with skin traumatized by continued exposure to sanitizing chemicals require the healing and **soothing benefits of natural Aloe Vera** on their skin. But for far too long, the hand protection choices available have required the user to accept the absorption of accelerator chemicals, as well as the Aloe Vera, from that same glove, with the subsequent stimulus for development of irritant **contact dermatitis** and hence more serious and long-term health problems.

These problems are swept away with our patent-pending **Aloe-Shield™** glove, an entirely **Accelerator-Free** glove that is fully compliant with the FDA requirements for claims of "**Low Dermatitis Potential**" and manufactured to have a nourishing balm coating on the inside of the glove with certified organic and pure Aloe Vera. Moreover, Aloe-Shield™'s **moisturizing** ingredients meet all requirements to achieve a **Seal of Acceptance™** by the **National Eczema Association (NEA)**, a non-profit organization in the US, dedicated to providing resources for individuals affected by eczema.

Notable benefits of AloeShield include:

	<p>ALOE VERA ADVANTAGES</p> <p>Aloe-Shield™ provides all the natural moisturizing benefits that are associated with Aloe Vera and acknowledged by consumers across multiple applications. It also allows those already seen to have sensitive skins to avoid further unnecessary exposure to accelerator chemicals and the irritant contact dermatitis which can be triggered by that.</p>
	<p>ENHANCED HAND-HYGIENE COMPLIANCE</p> <p>Knowing that the glove to be worn will only soothe the skin is one very good reason to be less afraid of the damage caused by sanitizing the hands to begin with. Couple that with donning benefits seen with our unique formulation and there is no reason to shortcut hand-hygiene protocols.</p>
	<p>IMPROVED PRODUCTIVITY & REDUCED COSTS</p> <p>A serious impediment for any worker is skin irritation and skin damage. These skin complaints are hidden costs that organizations may not be aware of as they can become serious enough to warrant time off from work by the healthcare worker or, in extreme cases, even a change of career for them.</p>
	<p>BUILT-IN PROTECTION</p> <p>Our Aloe-Shield™ gloves are chemo-compliant, and have been tested and certified to withstand the penetration of 15 different chemotherapy drugs, which ensures protection in environments that deal with hazardous drugs.</p>

As with every CSC glove, the former design and product formulation have been **focused on user comfort**, as well as **protection against hazardous materials** such as chemo-drugs. Clinical trials with Aloe-Shield™ have demonstrated its effectiveness in terms of both **skin hydration** and **maintaining a healthy skin pH**.



Low Dermatitis Certified



Improved Skin Hydration*

As demonstrated in a long-term skin hydration test conducted on 20 healthy volunteers enrolled in a 12-day clinical study.



ALOE-SHIELD™

TYPICAL PRODUCT SPECIFICATION

PRODUCT DESCRIPTION

Brand Name / Description	Aloe-Shield™ 3.5g: Non-Sterile Powder-Free Nitrile Exam Aloe Vera Gloves, Low Dermatitis Certified, Accelerator-Free
Intended Use	A patient examination glove is a disposable device intended for medical purpose that is worn on the examiner's hand or finger to prevent contamination between patient and examiner
Product Conformance	ASTM D6319 Current Revision and as per Customer Requirement, ASTM D6798 Current Revision
Material	Nitrile (Carboxylated Butadiene Acrylonitrile)
Cuff Finishing	Beaded
Color	Green
Type	Ambidextrous
Surface finish	Full-textured

SPECIFICATIONS

Dimension	Size	Palm Width (mm)	Length (mm)		
	S	75 ± 5	≥ 240		
	M	85 ± 5	≥ 240		
	L	95 ± 5	≥ 240		
	XL	106 ± 5	≥ 240		
	XXL	115 ± 5	≥ 240		
Thickness		Single-Wall (mm) Specification	Typical Value		
	Cuff	≥ 0.04	0.05		
	Palm	≥ 0.05	0.06		
	Finger	≥ 0.08	0.10		
	Beading	≥ 0.50	0.60		
Physical Properties		Un-Aged Specification	Typical Value	Aged Specification	Typical Value
	Tensile Strength (MPa)	≥ 14	24	≥ 14	28
	Ultimate Elongation (%)	≥ 500	550	≥ 400	570
Residual Powder	2.0 mg / glove maximum				
Quality Specification	Inspection Criteria	Sampling Plan / AQL			
	Dimension	S2 - AQL 4.0			
	Physical Properties	S2 - AQL 4.0			
	Water Tight Test	G1 - AQL 1.0 (Single Normal Sampling)			
	Visual Inspection - Major	G1 - AQL 2.5			
	Visual Inspection - Minor	G1 - AQL 4.0			
	Residual Powder	n = 5 (Average)			
	Packaging Labeling	n = 5 (Accept No Defects)			
	Glove Physical Counting	n = 5 (Accept No Defects)			

PACKAGING CONFIGURATION AND LABELING

Packing	Gloves per Inner Dispenser (by weight) is per customer requirement (e.g. 100/200/250).
Labeling	The dispensers and outer cartons shall have the following information/prints: <ul style="list-style-type: none"> • Product Description and Brand including size and net quantity of gloves. • Country of Origin of Manufacturer and Name and Address of distributor. • Single Use Only and/or the Symbol for Single Use and Non-Sterile.
Lot Numbering System	Per the customer's requirement or in house as per packing SOP. Manufacturing and/or expiry date where applicable.