

Powder-Free Nitrile Exam Gloves Low Dermatitis Potential Claim

NeuFlex Nitrile Exam Gloves is the next generation of nitrile exam gloves with improved protection from chemotherapy drugs, combined with excellent fit and comfort. FDA approved low dermatitis potential claim and accelerator-free that reduces Type 1 and IV allergic reactions.

Description:

- Textured fingertips enables grip, wet or dry.
- Tear resistant beaded cuff eases donning.
- Standard color coded sizing to identify different sizes.
- Low dermatitis Potential claim.
- Meets and exceeds NIOSH recommendations for Fentanyl
- Meets both ASTM D6978-05 and USP 800 Personal Protection Equipment requirement for use of select chemotherapy gloves.

Item	Description	Size	Packaging
MG58500	NeuFlex Nitrile Exam Glove	X-Small	250 eaches/box 10 boxes/case
MG58501	NeuFlex Nitrile Exam Glove	Small	250 eaches/box 10 boxes/case
MG58502	NeuFlex Nitrile Exam Glove	Medium	250 eaches/box 10 boxes/case
MG58503	NeuFlex Nitrile Exam Glove	Large	250 eaches/box 10 boxes/case
MG58504	NeuFlex Nitrile Exam Glove	X-Large	230 eaches/box 10 boxes/case
MG58505	NeuFlex Nitrile Exam Glove	2X-Large	230 eaches/box 10 boxes/case

Product Specifications

Gauge Thickness	MM	MIL
Middle Finger:	.09	3.7
Palm:	.08	3.2
Cuff:	.06	2.8
Average Length	242mm	9.5"

Physical Properties

Before Aging	
Tensile Strength:	35 MPa
Ultimate Elongation:	600%
After Aging	
Tensile Strength:	31 MPa
Ultimate Elongation:	550%

Quality Standards

Exceed current ASTM D6319, D5151, D6978.

No evidence of dermal irritation or contact sensitization as measured by Primary Skin Irritation. Not made with natural rubber latex.
Note: Specifications are subject to change without notice.

EXCELLENT BARRIER PROTECTION FOR ALL RISKS



view this product
on our website:



Tested with 23 Chemotherapy Drugs
in accordance with ASTM D6978 and barrier
tested against Fentanyl exposure.

For additional information, please visit: www.medgluv.com
Call 1-866-MEDGLUV (1-866-633-4588).

Keep out of sunlight. Store in a cool dry place. Keep away from sources of ozone and ignition.



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NeuFlex Nitrile Exam glove has an FDA approved claim that gloves were clinically tested and have a reduced potential to cause skin irritation. Reduced potential for sensitizing users to rubber chemical additives, and reduced potential for causing reaction in individuals sensitized to rubber chemical additives.

Research Evidence: Trends & Prevalence

Rising Hand Dermatitis Among Healthcare Workers

- **Prevalence spike:** Rates of hand dermatitis among healthcare workers increased from 21.1% pre-COVID to 37.2% during the pandemic, largely due to heightened glove use and frequent hand hygiene practices. (PubMed)
- **Main driver:** Irritant contact dermatitis from “wet work” (frequent handwashing, sanitizer use, and prolonged glove wear). (PMC, NCBI, Cardinal Health)



Nitrile Gloves: Lower Risk but Not Risk-Free

- **Compared to latex:** Nitrile gloves show a lower prevalence of dermatitis (Latex: ~73% vs. Nitrile: ~48.7% in one study; 27.4% vs. 17.7% in another). (PMC)
- **Allergy risk:** About 5.7% of contact allergies in nitrile users are linked to chemical accelerators and rubber additives. (PMC)
- **Accelerator-free benefit:** More than two-thirds of users report being symptom-free after switching to accelerator-free gloves. (PMC)
- **Clinical reality:** Allergic reactions to synthetic glove components (especially accelerators) remain a recognized occupational issue. (AAAAI, Cardinal Health)



Occupational Patterns & COVID-19 Effects

- **Longer glove wear:** Average daily glove use increased from 7.8 to 12.9 hours during the pandemic, correlating with more skin reactions. (SAGE Journals)
- **Key risk factors:** Extended daily glove wear and pre-existing atopic conditions consistently predict higher dermatitis risk. (PMC, NCBI)

Is Sensitivity Increasing? – Evidence Summary

Factor	Insight	Sources
Overall Dermatitis	Rising prevalence among healthcare workers, with COVID-19 accelerating cases due to heavy glove use and frequent hand hygiene.	PubMed
Nitrile vs. Latex	Nitrile is generally safer than latex but still linked to new sensitivities - often from accelerators or chemical additives.	PMC
Accelerator-Free Benefits	Switching to accelerator-free nitrile gloves significantly reduces dermatitis risk, with many users becoming symptom-free.	PMC
Individual Reports	Anecdotal evidence supports clinical findings—some professionals report strong sensitivity to nitrile, influencing glove choice or reducing use.	Reddit, community report

