


THE RISK IS REAL!

For healthcare workers, there is no safe level of exposure to chemotherapy drugs.




8 million
US healthcare workers
exposed to hazardous
drugs annually¹

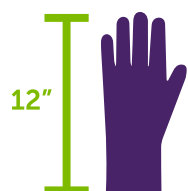
17%
Of nurses experienced
unintentional skin and
eye exposure to
chemotherapy agents²

**EXPOSURE TO CHEMO
INCREASES YOUR RISK FOR**

- + Chromosomal damage
- + Cancers
- + Adverse reproductive outcomes, including **2 to 3.5X** greater risk of miscarriages³



PURPLE NITRILE-XTRA* MEANS EXTRA PROTECTION



12" **12" EXTENDED CUFF**

Easily complies with guideline recommendations to wear one glove under the cuff of the gown and the other glove over the cuff.



**52 CHEMO DRUGS TESTED
AND APPROVED**

Making it one of the most tested gloves on the market!



2 STERILE GLOVES PER POUCH

Available as an alternative to surgical gloves when compounding chemo drugs.



PURPLE NITRILE-XTRA*

Exam Gloves

ARE YOU PROTECTED? KNOW FOR SURE.



52 Chemo Drugs

PURPLE NITRILE-XTRA* Non-Sterile Exam Gloves are tested for use with Chemotherapy Drugs: Per ASTM D6978

The following chemotherapy drugs and concentration had NO breakthrough detected up to 240 minutes:

Arsenic Trioxide (1 mg/ml)	Cytarabine HCL (100 mg/ml)	Fludarabine (25 mg/ml)	Mitomycin-C (0.5 mg/ml)	Temsirolimus (25 mg/ml)
Azacitidine (Vidaza) (25 mg/ml)	Cytovene (10 mg/ml)	Fluorouracil (50 mg/ml)	Mitoxantrone (2 mg/ml)	ThioTEPA (10 mg/ml)
Bendamustine (5 mg/ml)	Dacarbazine (10 mg/ml)	Fulvestrant (50 mg/ml)	Oxaliplatin (2 mg/ml)	Topotecan HCL (1 mg/ml)
Bortezomib (Velcade) (1 mg/ml)	Daunorubicin HCL (5 mg/ml)	Gemcitabine (38 mg/ml)	Paclitaxel (6 mg/ml)	Trastuzumab (21 mg/ml)
Bleomycin sulfate (15 mg/ml)	Decitabine (5 mg/ml)	Idarubicin (1 mg/ml)	Paraplatin (10 mg/ml)	Triclosan (1 mg/ml)
Busulfan (6 mg/ml)	Docetaxel (10 mg/ml)	Ifosfamide (50 mg/ml)	Pemetrexed (25 mg/ml)	Trisenox (0.1 mg/ml)
Carboplatin (10 mg/ml)	Doxorubicin HCL (2 mg/ml)	Irinotecan (20 mg/ml)	Pertuzumab (30 mg/ml)	Vincristine Sulfate (1 mg/ml)
Carfilzomib (2 mg/ml)	Epirubicin (Ellence) (2 mg/ml)	Mechlorethamine HCL (1 mg/ml)	Raltitrexed (0.5 mg/ml)	Vinblastine (1 mg/ml)
Cetuximab (Eribitux) (2 mg/ml)	Eribulin Mesylate (0.5 mg/ml)	Melphalan (5 mg/ml)	Retrovir (10 mg/ml)	Vinorelbine (10 mg/ml)
Cisplatin (1 mg/ml)	Etoposide (20 mg/ml)	Methotrexate (25 mg/ml)	Rituximab (10 mg/ml)	Zoledronic Acid (0.8 mg/ml)
Cyclophosphamide (20 mg/ml)				

Carmustine (3.3 mg/ml) permeation occurred at 80.4 minutes

Caution: The testing conditions used are intended to approximate the worst case conditions for clinical use. Testing was conducted on single layer glove material. It is the user's responsibility to determine the applicability of these gloves for their intended use with chemotherapy drugs.

Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs



45 Chemicals

PURPLE NITRILE-XTRA* Exam Gloves provide protection against the following chemicals: Per ASTM F739

The following chemicals had breakthrough times as follows:

Adhesive Tape Remover Pads	151.0	Formalin Alcohol		Methanol	8.0
Alcoholic Bouin's Fixative	159.3	(Tested for Formaldehyde)	> 480	Methyl Methacrylate (Bone Cement)	5.0
Alcoholic Eosin	27.0	Formalin Alcohol		Monse's Solution	> 480
Bleach (Sodium Hypochlorite (10-13%))	> 480	(Tested for Reagent Alcohol)	> 480	OxyCide Concentrate	110.0
Bouin's Fixative	> 480	Formalin, 10% Buffered		OxyCide Ready to Use	> 480
B-Plus Fixative	> 480	(Tested for Formaldehyde)	> 480	Permaslip Mounting Medium &	
CarNoy's Fluid	0	Formalin, 10% Buffered		Liquid Cover Slip	0
Chlorhexidine Gluconate, 4%	> 480	(Tested for Methanol)	> 480	Povidone Iodine, 10%	> 480
Cidex 14-Day	> 480	Giemsas Stain Solution	18.7	Quaternary Cleaner	> 480
Cidex OPA	173.3	Glutaraldehyde, 4%	> 480	Rapid Bone Decalcifier	> 480
Decalcifier I	> 480	Haematoxylin Stain (Harris Solution)	> 480	Reagent Alcohol	16.0
EM Fixative	> 480	Hexane, 96.1%	46.3	Resert XL HLD	> 480
Eosin Stain	132.0	Hydrochloric Acid, 35.5%	> 480	Sodium Hydroxide, 40%	> 480
Ethidium Bromide, 0.4%	> 480	Hydrochloric Acid, 37%	> 480	Sulfuric Acid, 50%	> 480
Ethyl Alcohol, 80%	21.3	Hydrogen Peroxide, 3%	> 480	Trichloroacetic Acid, 10%	> 480
Ethyl Alcohol, 95%	16.0	Hydrogen Peroxide, 30%	60.0	Xylene, 99%	0
Formaldehyde, 10%	> 480	Isopropyl Alcohol, 70%	79.3		

Standard Test Method for Permeation of Liquids and Gases through Protective Clothing materials under Conditions of Continuous Contact

PURPLE NITRILE-XTRA*

Exam Gloves

Product Specifications

Gauge Thickness Measurements	MM	MIL
Middle Finger:	.15	5.9
Palm:	.12	4.7
Cuff:	.11	4.3
Average Length	310mm	(12")

Physical Properties

	After Aging
Tensile Strength:	21 MPa
Ultimate Elongation:	550%

Quality Standards

Meets or exceeds ASTM D6319 - Standard Specification for Nitrile Examination Glove for Medical Applications.

Biocompatible per ISO 10993 studies for systemic toxicity, irritation and sensitization endpoints.

Passes Viral Penetration Testing - ASTM F1671 - 07 Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

Design Enhancements



Not formulated with Natural Rubber Latex – primary material is acrylonitrile butadiene, reducing the potential for glove-associated Type I allergic reactions to natural rubber latex proteins.



Powder-free, minimizing the potential for powder-related complications, such as irritant contact dermatitis.

All physical properties are target measurements; target MIL measurements may differ due to rounding.

HALYARD* PURPLE NITRILE-XTRA* Exam Gloves

PURPLE Nitrile-XTRA* Exam Gloves have an AQL of 1.0 for critical defects. This means that PURPLE Nitrile-XTRA* Exam Gloves are significantly less likely to have critical defects than exam gloves that just meet the ASTM 2.5 AQL requirement.

Non-Sterile

Item	Description	Size	Packaging
55090	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	X-Small	50 gloves/box 10 boxes/case
50601	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Small	50 gloves/box 10 boxes/case
50602	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Medium	50 gloves/box 10 boxes/case
50603	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Large	50 gloves/box 10 boxes/case
50604	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	X-Large	50 gloves/box 10 boxes/case

Sterile

Item	Description	Size	Packaging
14259	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	X-Small	50 pairs/box 4 boxes/case
14260	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Small	50 pairs/box 4 boxes/case
14261	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Medium	50 pairs/box 4 boxes/case
14262	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Large	50 pairs/box 4 boxes/case
14263	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	X-Large	50 pairs/box 4 boxes/case



PURPLE EXAM GLOVE SERIES

Simplifying Your Choices

With so many glove options it can be overwhelming to choose the right glove for each situation you encounter. That is why Halyard has made it easy to choose gloves by providing this chart to explain the differences in our HALYARD* PURPLE Nitrile* Exam Glove Series. With varying cuff lengths, sterility, and chemo drug permeations, Halyard has a glove for any situation.

NON - STERILE



29 CHEMO DRUGS TESTED



52 CHEMO DRUGS TESTED

9.5" HALYARD* PURPLE NITRILE* Exam Gloves

Item	Description	Size	Packaging
55080	PURPLE NITRILE* Powder-Free Exam Gloves	X-Small	100 gloves/box 10 boxes/case
55081	PURPLE NITRILE* Powder-Free Exam Gloves	Small	100 gloves/box 10 boxes/case
55082	PURPLE NITRILE* Powder-Free Exam Gloves	Medium	100 gloves/box 10 boxes/case
55083	PURPLE NITRILE* Powder-Free Exam Gloves	Large	100 gloves/box 10 boxes/case
55084	PURPLE NITRILE* Powder-Free Exam Gloves	X-Large	90 gloves/box 10 boxes/case

12" HALYARD* PURPLE NITRILE-XTRA* Exam Gloves

Item	Description	Size	Packaging
55090	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	X-Small	50 gloves/box 10 boxes/case
50601	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Small	50 gloves/box 10 boxes/case
50602	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Medium	50 gloves/box 10 boxes/case
50603	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	Large	50 gloves/box 10 boxes/case
50604	PURPLE NITRILE-XTRA* Powder-Free Exam Gloves	X-Large	50 gloves/box 10 boxes/case

STERILE



NO CHEMO CLAIMS AT THIS TIME



30† CHEMO DRUGS TESTED

† 52 coming soon! Additional testing in progress

9.5" HALYARD* PURPLE NITRILE* Exam Gloves

	Item	Description	Size	Packaging
SINGLES	52101	PURPLE NITRILE* Sterile Single Exam Gloves	Small	100 gloves/box 4 boxes/case
	52102	PURPLE NITRILE* Sterile Single Exam Gloves	Medium	100 gloves/box 4 boxes/case
	52103	PURPLE NITRILE* Sterile Single Exam Gloves	Large	100 gloves/box 4 boxes/case
PAIRS	55091	PURPLE NITRILE* Sterile Pairs Exam Gloves	Small	50 pairs/box 4 boxes/case
	55092	PURPLE NITRILE* Sterile Pairs Exam Gloves	Medium	50 pairs/box 4 boxes/case
	55093	PURPLE NITRILE* Sterile Pairs Exam Gloves	Large	50 pairs/box 4 boxes/case

12" HALYARD* PURPLE NITRILE-XTRA* Exam Gloves

	Item	Description	Size	Packaging
PAIRS	14259	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	X-Small	50 pairs/box 4 boxes/case
	14260	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Small	50 pairs/box 4 boxes/case
	14261	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Medium	50 pairs/box 4 boxes/case
	14262	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	Large	50 pairs/box 4 boxes/case
	14263	PURPLE NITRILE-XTRA* Sterile Pairs Exam Gloves	X-Large	50 pairs/box 4 boxes/case