

PHARMA-GLOVE™

PGNS12 (XS-3XL)

DESCRIPTION

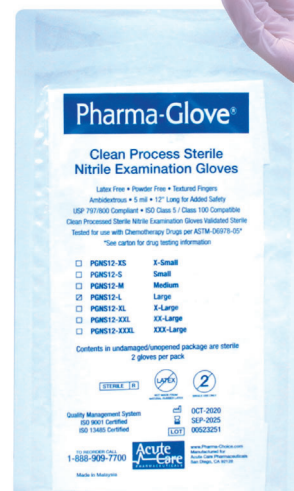
Pharma-Glove™ is an ambidexterous glove that is latex free, powder free, has a 12" cuff, and is manufactured specifically for the pharmacy. Pharma-Gloves are validated sterile and individually pair packaged with paperless packaging. They are available in XS-3X.

GENERAL INFORMATION

Sizes	XS - 3XL
Color	White
Material	Nitrile
Sterility	Sterile
Other	12" Cuff, Powder Free
Packaging	50 Pair/Bag x 4 Bags/Pack QTY: 200/CASE

CHEMO TESTING PER ASTM D6978.05

Cisplatin (1.0 mg/mL)	Ifosfamide (1.0 mg/mL)
Cyclophosphamide (20 mg/mL)	Mitoxantrone (1.0 mg/mL)
Dacarbazine (10.0 mg/mL)	Paclitaxel (6.0 mg/mL)
Doxorubicin Hydrochloride (2.0 mg/mL)	Thiotepa (1.0 mg/mL)
Etoposide (1.0 mg/mL)	Vincristine (1.0 mg/mL)
5-Fluorouracil (50 mg/mL)	



PHARMA-GLOVE™ CONT.

WHOLESALE ITEM NUMBERS

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ITEM#	CENCORA	CARDINAL	MCKESSON
PGNS12-XS	10262322	5814769	1507029
PGNS12-S	10008683	4247953	1151315
PGNS12-M	10008682	4247946	1151885
PGNS12-L	10008681	4247938	1153014
PGNS12-XL	10253835	5067178	1507037
PGNS12-2XL	Available for Dropship	5067186	Available for Dropship
PGNS12-3XL	Available for Dropship	Available for Dropship	Available for Dropship

Available to order direct or through your wholesaler, for assistance with stock request please contact us.

WHOLESALE ITEM NUMBERS	
SIZE	MEDLINE
SMALL	AZPPGNS12S
MEDIUM	AZPPGNS12M
LARGE	AZPPGNS12L
EXTRA LARGE	AZPPGNS12XL

PHARMA-GLOVE™

CHEMOTHERAPY TESTING

One glove type identified as Acute Care Pharmaceuticals Pharma-Glove Size Large STN203P; Lot# N72/HTPL 9600003-4; Batch# N720914.

TESTING CHEMOTHERAPY DRUGS:

Table 1. List of the Testing Chemotherapy Drugs, Sources, and Expiration Dates

TESTING CHEMOTHERAPY DRUGS	DRUG SOURCE
Carmustine (BCNU)	USP; Lot# F01274; Expiration 04/2017
Cisplatin	Sigma Aldrich; Lot# LRAA8721; Expiration 08/2018
Cyclophosphamide (Cytoxan)	USP; Lot# R01530; Expiration 02/2017
Dacarbazine (DTIC)	Sigma Aldrich; Lot# MKBQ5137V; Expiration 10/2017
Doxorubicin Hydrochloride	Sigma Aldrich; Lot# SLBM7382V; Expiration 08/2017
Etoposide	Teva; Lot# 31317608B; Expiration 02/2017
Fluorouracil	Sigma Aldrich; Lot# BCBR1712V; Expiration 08/2017
Paclitaxel (Taxol)	USP; Lot# I11393; Expiration 04/2017
Thiotepa	Sigma Aldrich; Lot# SLBM7142V; Expiration 12/2016

COLLECTION MEDIA:

The collection media which were selected are listed in Table 2.

Table 2. Collection Media for Testing Chemotherapy Drugs

TEST CHEMICAL AND CONCENTRATION	COLLECTION MEDIUM
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	10% Ethanol Aqueous Solution
Cisplatin, 1.0 mg/ml (1,000 ppm)	Distilled Water
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000ppm)	Distilled Water
Dacarbazine (DTIC), 10.0 mg/ml (10,000 ppm)	Distilled Water
Doxorubicin Hydrochloride, 2.0 mg/ml (2,000 ppm)	Distilled Water
Etoposide, 20.0 mg/ml (20,000 ppm)	Distilled Water
Fluorouracil, 50.0 mg/ml (50,000 ppm)	9.20 pH Sodium Hydroxide Solution
Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)	30% Methanol Aqueous Solution
Thiotepa, 10.0 mg/ml (10,000 ppm)	Distilled Water

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CHEMOTHERAPY TESTING

TESTING CONDITIONS:

Standard Test Method Used:	ASTM D 6978-05
Analytical Method:	UV/VIS Spectrometry
Testing Temperature:	35.0°C ± 2.0
Collection System:	Closed Loop
Specimen Area Exposed:	5.067 cm ²
Selected Data Points:	25/test
Number of Specimens Tested:	3/test
Location Sampled From:	Cuff Area
Comments/Other Conditions:	Magnetic stir bar was used in the sampling chamber

DETECTION METHOD OF CHEMICAL PERMEATION; UV/VIS ABSORPTION SPECTROMETRY:

Instrument: Perkin Elmer UV/VIS Spectrometer Lambda 25
UV/VIS Absorption Spectrometry was used to measure the absorbance of test chemicals which permeated through the specimens into the collection medium. The collection medium was circulated in a closed loop at 11 ml/minute of flow rate through the testing period. Data collection was performed according to the programmed schedule by means of UV Winlab software from the Perkin Elmer Corporation. The list of the characteristic wavelengths is shown below.

Table 3. Characteristic Wavelengths used in UV/VIS Absorption Spectrometry

TESTING CHEMOTHERAPY DRUGS	WAVELENGTH (nm)
Carmustine (BCNU)	229
Cisplatin	199
Cyclophosphamide (Cytosan)	200
Dacarbazine (DTIC)	320
Doxorubicin Hydrochloride	232
Etoposide	205
Fluorouracil	269
Paclitaxel (Taxol)	231
Thiotepa	199

SAMPLE CHARACTERISTICS:

Table 4. Thickness characteristics for the tested specimens on: One glove identified as Acute Care Pharmaceuticals Pharma-Glove; Size Large STN203P; Lot # N72/HTPL 9600003-4; Batch # N720914

Testing Chemotherapy Drugs	Thickness (mm)			Average (mm)	Weight/Unit Area (g/m ²)
	#1	#2	#3		
Carmustine (BCNU)	0.090	0.081	0.089	0.087	87.3
Cisplatin	0.086	0.092	0.092	0.090	
Cyclophosphamide (Cytosan)	0.089	0.094	0.090	0.091	
Dacarbazine (DTIC)	0.089	0.090	0.092	0.091	
Doxorubicin Hydrochloride	0.094	0.092	0.093	0.093	
Etoposide	0.092	0.086	0.096	0.091	
Fluorouracil	0.087	0.086	0.092	0.088	
Paclitaxel (Taxol)	0.088	0.091	0.095	0.091	
Thiotepa	0.092	0.094	0.089	0.092	

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CHEMOTHERAPY TESTING

RESULTS:

Table 5. Permeation Test Results on: One glove identified as Acute Care Pharmaceuticals Pharma-Glove; Size Large STN203P ; Lot# N72/HTPL 9600003-4 ; Batch# N720914

TEST CHEMOTHERAPY DRUG AND CONCENTRATION	MINIMUM BREAKTHROUGH DETECTION TIME (Specimen1/2/3) (Minutes)	AVERAGE STEADY STATE PERM. RATE (Specimen1/2/3) ($\mu\text{g}/\text{cm}^2/\text{minute}$)	OTHER OBSERVATIONS
Carmustine (BCNU), 3.3 mg/ml (3,300 ppm)	44.8 (47.8,45.3,44.8)	0.5 (0.5,0.5,0.5)	Moderate swelling and slight degradation
Cisplatin, 1.0 mg/ml (1,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Cyclophosphamide (Cytosan), 20.0 mg/ml (20,000ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Dacarbazine (DTIC), 10.0 mg/ml (10,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Doxorubicin Hydrochloride, 2.0 mg/ml (2,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Etoposide, 20.0 mg/ml (20,000 ppm)	No breakthrough up to 240 min.	N/A	Moderate swelling and slight degradation
Fluorouracil, 50.0 mg/ml (50,000 ppm)	No breakthrough up to 240 min.	N/A	Slight swelling and no degradation
Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)	No breakthrough up to 240 min.	N/A	Moderate swelling and slight degradation
Thiotepa, 10.0 mg/ml (10,000 ppm)	68.3 (99.4,68.3,898.3)	0.1 (0.1,0.1,0.1)	Slight swelling and no degradation