

## Chemotherapy Permeation Statement

<b>Product Brand:</b>	PH Handsafe
<b>Product Description:</b>	Powder Free Blue Nitrile Examination Gloves
<b>Product Code:</b>	GN90

The PH Handsafe GN90 blue nitrile examination grade gloves were submitted by the OEM factory to Akron Rubber Development Laboratory Inc. for testing in accordance with ASTM D6978-05: Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs (test report reference: PN 97868).

### Minimum Break Through Time – GN90 Blue Nitrile Gloves

Test Chemical	Concentration	Minimum Breakthrough Time - minutes	Suitability
Carmustine (BCNU)	3.3 mg/ml 3,300ppm	1.3	No
Cisplatin	1.0 mg/ml 1,000ppm	No Breakthrough up to 240 Mins.	Yes
Cyclophosphamide (Cytosan)	20.0 mg/ml 20,000ppm	No Breakthrough up to 240 Mins.	Yes
Doxorubicin Hydrochloride	2.0 mg/ml 2,000ppm	No Breakthrough up to 240 Mins.	Yes
Etoposide (Toposar)	20.0 mg/ml 20,000ppm	No Breakthrough up to 240 Mins.	Yes
Fluorouracil	50.0 mg/ml 50,000ppm	No Breakthrough up to 240 Mins.	Yes
Paclitaxel (Taxol)	6.0 mg/ml 6,000ppm	No Breakthrough up to 240 Mins.	Yes
Thiotepa	10.0 mg/ml 10,000ppm	37.2	Splash Resistance
Methotrexate	25 mg/ml 25,000ppm	No Breakthrough up to 240 Mins.	Yes
Mitomycin C	0.5 mg/ml 500ppm	No Breakthrough up to 240 Mins.	Yes
Vincristine Sulfate	1.0 mg/ml 1,000ppm	No Breakthrough up to 240 Mins.	Yes

\*Splash resistance: The glove must be changed immediately following contact.

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01<sup>st</sup> December 2023

