

Chemotherapy Permeation Statement

Product Brand:	PH Handsafe
Product Description:	Powder Free Blue Nitrile Examination Gloves
Product Code:	GN91

The Polyco Healthline GN91 blue HandSafe 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 references: PN113657, PN112501, PN115094, PN114331 and PN132127).

Minimum Break Through Time – GN91 Blue Nitrile Gloves

Test Chemical	Concentration	Minimum Breakthrough Time - minutes	Suitability
Carmustine (BCNU)	3.3 mg/ml 3,300ppm	0.3	No
Cyclophosphamide (Cytoxan)	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	16.0	No

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QA and Regulatory Affairs Department

12th December 2023

