

Chemotherapy Agent Permeation

Product name: **Protexis™ PI**
Sterile Polyisoprene Powder-Free Surgical Gloves
 Catalog numbers: 2D72PT55X, 2D72PT60X, 2D72PT65X, 2D72PT70X, 2D72PT75X, 2D72PT80X,
 2D72PT85X, 2D72PT90X

Agent		Minimum breakthrough detection time in minutes (0.01 µg/cm ² /minute)
1.	Carmustine (3.3 mg/mL)	15.26 *
2.	Cisplatin (1.0 mg/mL)	> 240
3.	Cyclophosphamide (20 mg/mL)	> 240
4.	Doxorubicin Hydrochloride (2.0 mg/mL)	> 240
5.	Etoposide (20 mg/mL)	> 240
6.	Fluorouracil (50 mg/mL)	> 240
7.	Methotrexate (25 mg/mL)	> 240
8.	Paclitaxel (6.0 mg/mL)	> 240
9.	ThioTEPA (10 mg/mL)	16.04 *
10.	Vincristine Sulfate (1.0 mg/mL)	> 240

* **WARNING:** DO NOT USE with Carmustine (3.3 mg/mL) and ThioTEPA (10 mg/mL).

Protexis™ PI Sterile Polyisoprene Powder-Free Surgical Gloves were tested at an independent laboratory using ASTM D 6978-05, Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs. The maximum testing time is 240 minutes.

When chemotherapy drugs are present, glove selection should be based on the specific type(s) of chemicals used. Users should review drug labeling or Material Safety Data Sheets for the chemicals being used to determine an adequate level of protection.