Cytotoxic Permeation Performance

Product Name:	**BioClean CleanTough Material™**
Product Code:	BioClean-D™ Disposable Range

Cytotoxic Drugs Tested

[4]	ASTM 6978-05 [1]	ASTM F 739 [2]	EN 374 [3]
Specified limit	**0.01 µg/cm²/Min**	**0.1 µg/cm²/Min**	**1.00 µg/cm²/Min**
Cisplatinum	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Carmustine	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Cyclophosphamide	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Doxorubicin Hydrochloride	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Fluorouracil	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Methotrexate	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Etoposide	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Paclitaxel	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)
Thio Tepa	> 480 Min (Class 6)	> 480 Min (Class 6)	> 480 Min (Class 6)

[1] **ASTM 6978-05** – Standard practice for assessment of resistance of medical gloves to permeation to permeation by chemotherapy drugs

[2] **ASTM F 739 – 99a** – Standard test method for resistance of protective clothing materials to permeation by liquids or gases under conditions of continuous contact. Methodology is similar to EN374-3:2003 but permeation is measured at more stringent level of 0.1 µg/cm²/Min

[3] **EN 374-3:2003** – Protective gloves against chemicals and micro organisms. Part three: Determination of resistance to permeation by chemicals

[4] Table shows the time in minutes, after exposure to the chemical, at which the permeation rate reaches the defined limit.