

CHEMOTHERAPY GLOVE DATA

Chemotherapy Drugs Tested

ITEM NUMBER	PRODUCT NAME	BELOMYCIN SULFATE	CARBOPLATIN	CARMUSTINE	CISPLATIN	PHOSPHAMIDE	CYCLO-CYTARABINE	DACARBAZINE	DAUNORUBICIN	DOXORUBICIN	ETOPOSIDE	FLUOROURACIL	IDARUBICIN	IFOSFAMIDE	MELPHALAN	MESNA	METHOTREXATE	MITOMYCIN	MITOXANTRONE	PACLITAXEL	TRITERA	VINCISTINE SULFATE	
Nitrile Exam Gloves																							
N12940X	AloeForm X6			+	+	+		+		+	+	+		+				+	+	+	+	+	+
N05831X	Supercede X5			+	+	+		+		+	+	+									+	+	
N09831X	Supercede X8			+	+			+		+	+	+		+		+		+					+
N12736X	PowerForm			+	+			+		+	+	+		+		+		+					+
N02740X	PowerForm X5+			+	+	+		+		+	+	+		+					+	+	+	+	+
Neoprene Exam Gloves																							
K00140X	NeoForm X8	+	+	+	+	+	+			+	+	+	+	+	+	+			+	+	+	+	+
K07140X	NeoForm X9+			+	+	+		+		+	+	+									+	+	+

ASTM TESTING METHOD

ASTM F739:

ASTM D6978:

ASTM F739 & ASTM D6978

While both test methods test for break through times, ASTM D6978 was specifically designed to test against a specific list of cytostatic drugs and the effects they have on gloves. ASTM F739 is a more general test which can be used to test against any chemical, including the ones found in cytostatic drugs. ASTM F739 test requirements are less stringent than that of ASTM D6978 and as such require careful analysis of the test data before making a decision. Additionally, every glove may react differently in terms of permeation. It is recommended by OSHA, ONS (Oncology Nursing Society) and ASHP (American Society of Health System Pharmacists) to “double glove” when handling cytostatic drugs. Additionally, it is recommended by the FDA to change your gloves every half hour and wash your hands before and after.

Some manufacturers will recommend gloves meeting quality standards set by EN374, this standard is 100 times less stringent than ASTM D6978 and the testing conditions do not match that of actual use. If you have any questions about selecting the proper chemotherapy glove, contact SW Safety Solutions.

Tested for use with chemotherapy drugs

SW chemotherapy tested gloves have been tested either by ASTM F739 or by ASTM D6978. Specific chemical resistance data is available upon request by contacting our Customer Service representatives. Gloves used for protection against chemotherapy drugs must be selected specifically for the type of chemicals used. Review material safety data sheets for the breakthrough times and the chemicals being used to determine the required level of protection.