

The use of PPE is recommended for the safe handling of

Gown Protection:

The **KIMBERLY-CLARK* Procedure Gown tested for use with chemotherapy drugs** is a 100% Natural Rubber Latex-Free, disposable, long-sleeved, open-back, lint-free gown made of polypropylene, with a polyethylene coating and knit cuffs.

In permeability tests with the seven chemotherapy drugs required by ASTM Test Method F 739 standards, plus three additional widely used chemo drugs⁵, the KIMBERLY-CLARK* Procedure Gown tested for use with chemotherapy drugs sustained no breakthrough after four hours of continuous contact with all ten drugs. These results exceed recommended industry guidelines for duration of gown usage.

The **KIMBERLY-CLARK* Procedure Gown tested for use with chemotherapy drugs** also meets liquid barrier performance standards, including penetration by blood (ASTM F 1670) and blood-borne pathogens (ASTM F 1671). And it offers the highest level of protection against flammability, meeting the Class I requirements of the National Fire Protection Association Test Method 702-1980.

Gown Guidelines

Usage

Gowns should be worn during all activities involving chemotherapy drugs, including compounding, administration, the handling of waste from recently treated patients, and clean-up of spills.

Type

Select a disposable, lint-free gown made from low-permeability fabric, with a solid front, long sleeves, and elastic or knit cuffs.^{1,2,3,4}

Duration

- When compounding, gowns must be worn no longer than three hours; change gowns before leaving drug prep area.^{1,2,4}
- In all cases, change gowns after handling drugs.^{1,2}
- For all activities, change gowns immediately if damaged or contaminated.^{1,2}

Procedure Gown tested for use with chemotherapy drugs

Material	Latex-Free	ASTM F 1670 & ASTM F 1671	NFPA 702-1980
Polypropylene, with polyethylene coating and knit cuffs	Yes	Pass	Class 1 - Relatively Slow Burning
Code	Size	Items/Case	
69606	Universal	100 gowns per case	

Permeation Testing Results with 10 Cytotoxic drugs †

Chemicals

Concentration

Chemicals	Concentration	PURPLE NITRILE-XTRA ^{††} Breakthrough detection observed up to 4 hours	Procedure Gown ^{††} Breakthrough detection observed up to 4 hours
5-Fluorouracil	50 mg/ml	None	None
Carmustine	3.33 mg/ml	180 minutes	None
Cisplatin AQ	1.0 mg/ml	None	None
Cyclophosphamide (Cytosan)	20 mg/ml	None	None
Dacarbazine	10 mg/ml	None	None
Doxorubicin Hydrochloride	2.0 mg/ml	None	None
Etoposide	20 mg/ml	None	None
Paclitaxel (Taxol)	6.0 mg/ml	None	None
Thio-Tepa	10 mg/ml	None	None
Vincristine Sulfate	1.0 mg/ml	None	None

† Testing on gowns and gloves per ASTM F 739. There is no standard test method for masks.

Breakthrough Time is defined as the elapsed time between initial contact on the outside surface of the product and the time the chemical can be detected on the inside surface of the product.



of cytotoxic and hazardous drugs.^{1,2,4}

Facial Protection:

KIMBERLY-CLARK* FLUIDSHIELD* PFR95* N95 Particulate Filter Respirator Masks are NIOSH approved and are designed to provide an effective facial fit as required for proper respiratory protection against uncontrolled aerosolization of certain airborne pathogens. They are pouch-style, with four-layer construction that provides protection, breathability, and a soft inner facing; and they're 100% Natural Rubber Latex-Free.

KIMBERLY-CLARK* GUARDALL SHIELD* Full-Length Visor (no mask), is equipped with a foam band and headband. It's 100% Natural Rubber Latex-Free and can be worn with or without glasses or goggles, for protection against splashing or spraying of hazardous drugs.

FLUIDSHIELD* PFR95* N95 Particulate Filter Respirator Masks

Material	Latex-Free	NIOSH Approved	PFE	BFE
4-layer protective construction and breathable film	Yes	Yes	≥99%	≥99%
Code	Size	Packaging		
46727 Respirator Mask	Regular	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210		
46827 Respirator Mask	Small	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210		
46767 Respirator Mask with Safety Seal	Regular	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210		
46867 Respirator Mask with Safety Seal	Small	Eaches/Box = 35 Boxes/Case = 6 Eaches/Case = 210		

GUARDALL SHIELD* Full-Length Visor

Material	Latex-Free	
Polyester film	Yes	
Code	Size	Items/Case
41204	Full-length visor	Eaches/Box = 40 Boxes/Case = 1 Eaches/Case = 40

Facial Protection Guidelines^B

Usage

Eye and face protection should be worn whenever there is a possibility of exposure from splashing or uncontrolled aerosolization.

Type

- For splashing or spraying, select a face shield.
- For aerosolization, select a NIOSH-approved respirator.



KIMBERLY-CLARK* FLUIDSHIELD* PFR95* N95 Particulate Filter Respirator and Surgical Mask



KIMBERLY-CLARK* GUARDALL SHIELD* FULL-LENGTH VISOR



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