



Technical Product Information Sheet

3M™ HP Reinforced Disposable Surgical Gown

General Description

3M™ HP Reinforced Disposable Surgical Gown is made of a blue polypropylene nonwoven, a polyethylene-film/polyester-nonwoven reinforcement and white polyamide/polyester cuffs. Two hand towels, 30 x 45cm, are provided with each surgical gown. 3M™ HP Reinforced Disposable Surgical Gown is latex free.

3M™ HP Reinforced Disposable Surgical Gown is single packed in a primary pouch and is presented in a delivery box. Sterilisation is done by ethylene oxide.

Product Composition

Polypropylene nonwoven: 35 g/m² Polyethylene/Polyester NW reinforcement: 37 g/m²
Polyamide/polyester cuff: 115 g/m²

Product Range

Product Description	Product Catalogue No.	Items per Dispenser Box/Carton
HP Reinforced Disposable Surgical Gown, Size M	7695 C	22
HP Reinforced Disposable Surgical Gown, Size L	7696 C	20
HP Reinforced Disposable Surgical Gown, Size XL	7697 C	18
HP Reinforced Disposable Surgical Gown, Size XXL	7698 C	16

Physical Performances (nonwoven plus reinforcement)

Characteristic	Limit	Typical Value	Unit	Test Method
Resistance to Microbial Penetration (dry)	Not required	-	Log(10) cfu	prEN ISO 22612: 2004-05
Resistance to Microbial Penetration (wet)	6,0	6,0	/ _B	prEN ISO 22610:2004-04
Cleanliness – Microbial*	<= 2	< 1,28	Log(10) cfu/dm ²	EN 1174-2: 1996
Cleanliness – Particulate Matter* (Index of Part. Matter)	<= 3,5	1,79	IPM	ISO 9073-10:2003-05
Linting * (lint count)	<= 4,0	1,94	Log(10)	ISO 9073-10:2003-05
Resistance to Liquid Penetration**	>=100	>150	cm water	EN 20811: 1992
Burst Strength (dry / wet)**	>=40/40	150/150	kPa	ISO 13938-2: 1998
Tensile Strength MD (dry)	>=20	70*/40**	N/50mm	EN 29073-3: 1992
Tensile Strength MD (wet)	>=20	77*/58**	N/50mm	EN 29073-3: 1992
Tensile Strength CD (dry)	>=20	37*/32**	N/50mm	EN 29073-3: 1992
Tensile Strength CD (wet)	>=20	38*/25**	N/50mm	EN 29073-3: 1992
Flammability*	none	Class 1	-	16 CFR 1610.4

MD = Lengthwise; CD = Crosswise

* Nonwoven only

**Reinforcement only

The performances given above are typical values and should not be considered as specifications. The limits given are requirements of EN 13795-3:2006 for high performance - critical product area.

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