

# PPE Category III Isolation Coverall

Disposable protective apparel



**Stronger.  
Safer.  
More secure**

# Proof in protection

PPE category III coveralls provide the best combination of comfort, strength and protection for researchers, industrial personnel and healthcare workers.

## Resistance to infectious agents

Coveralls offer advanced protection from fluids, particulates and pathogens, passing both blood and viral penetration tests according to the EN 14126:2004 European standard.

Resistance to blood penetration



Resistance to viral penetration



## Category III certified

The coveralls meet category III type 4, 5 and 6 levels of protection according to European regulations, and act as an efficient barrier against hazardous dust particles, liquid chemical sprays and splashes.

**TYPE 4B**  
EN 14605:2005  
A1:2009



**TYPE 5B**  
EN ISO 13982-1:  
2004+A1:2010



**TYPE 6B**  
EN 13034:2005+  
A1:2009



## Functional design

Medline's coveralls are designed with knitted cuffs at the wrists as well as elasticated waist and ankles for increased mobility. They come with a comfortable hood, a zipper with a sealable, robust flap and blue tape at the seams for good coverage and protection. The coveralls are available in four sizes for a good fit.



Comfortable hood



Zipper with robust flap



Knitted cuffs



Tape at the seams

# We've got you covered!



## Strength

### The durable outer layer provides:

- » Exceptional tear and puncture resistance
- » Low lint for sensitive environments
- » Fabric with anti-static treatment to dissipate static charge build-up
- » Water repellence.



## Protection

### Certification according to EU regulation 2016/425 ensures:

- » A balanced barrier preventing the penetration of both fluids and particulates while still allowing moisture vapour to pass through
- » Excellent fluid resistance
- » Resistance to both viral and synthetic blood penetration
- » Excellent bacterial filtration.



## Comfort

### The inner layer and overall structure provide:

- » A soft, fabric-like feel
- » Enhanced breathability to maintain comfort when worn for long durations.



# Performance that matters

PPE category III isolation coveralls have been put through many tests so you and your team can cover yourselves with confidence.



## Testing data

### Coverall performance

Test method	Standard	Result
Type 4B: High-level spray test	EN 14605:2009	Pass
	EN ISO 17491-4:2008	
Type 5B: Particle aerosol inward leakage test	EN ISO 13982-1:2011	Pass Ljmn, 82/90 ≤ 30%, L 5.8/10 ≤ 15%
	EN ISO 13982-2:2005	
Type 6B: Low-level spray test	EN 13034:2009	Pass
	EN ISO 13935-2:2001, EN ISO 17491-4:2008, EN 14325:2005	
Protection against radioactive particles	EN 1073-2:2003	3/3

### Physical properties

Test method	Standard	Requisite	EN class
Abrasion resistance	EN 530:2010 (Met. 2)	100 < c < 500	2/6
Flexing resistance	EN ISO 7854:1999	> 100 000 c	6/6
Trapezoidal resistance	EN ISO 9073-4:1999	10 < N < 20	2/6
Tensile strength	EN ISO 13934-1:2013	60 < N < 100	2/6
Puncture resistance	EN 863:1997	10 < N < 50	2/6
Charge decay	EN1 149-3:2004		Pass
	EN1 149-5:2018		
Flame resistance	EN 13274-4:2002 (Met. 3)		Pass
Seam strength gard method	EN ISO 13935-2:2001, EN 13034:2009	50 < N < 75	2/6
pH of aqueous extract	EN ISO 3071:2006	3.5 > pH > 9.5	Pass
	EN ISO 13688:2013		

### Barrier protection

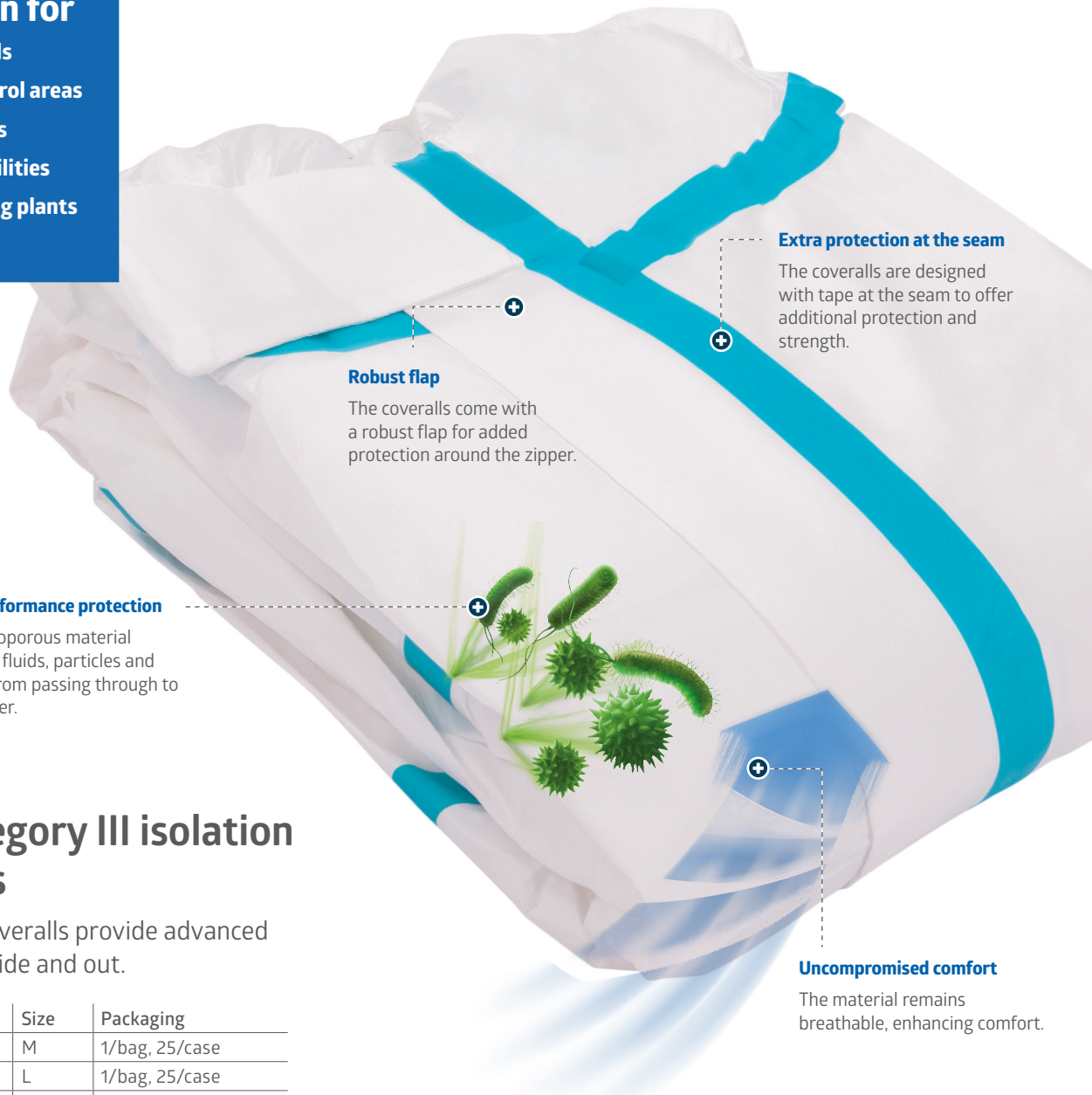
Test method	Standard	Requisite	EN class
Resistance against penetration of blood and bodily fluids – synthetic blood	ISO 16603:2004	20 KPa	6/6
Resistance against penetration of contaminated fluids – bacteriophage	ISO 16604:2004	20 KPa	6/6
Resistance against wet bacterial penetration	EN ISO 22610:2006	t > 75	6/6
Resistance against penetration of contaminated liquid aerosols	ISO 22611:2003	Log10 > 5	3/3
Resistance against penetration of contaminated solid particles	EN ISO 22612:2005	Log ufc < 1	3/3

### Chemical resistance

Chemical	Repellency index (%)	EN class	Penetration index (%)	EN class
Sulphuric acid (30%)	95.1	3/3	0	3/3
Natriumhydroxide (10%)	96.2	3/3	0	3/3
Butanol-n	95.1	3/3	0	3/3
O-Xylene	71.1	-	0	3/3

## Protection for

- » Hospital wards
- » Infection control areas
- » Research sites
- » Industrial facilities
- » Manufacturing plants
- » Clean rooms



### Extra protection at the seam

The coveralls are designed with tape at the seam to offer additional protection and strength.

### Robust flap

The coveralls come with a robust flap for added protection around the zipper.

### High-performance protection

The microporous material prevents fluids, particles and viruses from passing through to the wearer.



### Uncompromised comfort

The material remains breathable, enhancing comfort.

## PPE category III isolation coveralls

Breathable coveralls provide advanced protection inside and out.

Item number	Size	Packaging
CN4013DTM	M	1/bag, 25/case
CN4013DTL	L	1/bag, 25/case
CN4013DTXL	XL	1/bag, 25/case
CN4013DT2XL	2XL	1/bag, 25/case

Contact your Medline account manager for a live demonstration.



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