



Critical Environment Solutions Ltd

**Cleanroom &
Critical Control Disposable Apparel
Catalogue 2010**



Servicing **Critical Environments** to a **Higher Standard**

Disposable Apparel

The convenience of using disposable garments where launderable apparel is not suitable has long been recognised. Disposable coats and coveralls are especially suited for use by visitors and maintenance staff or where a fully integrated launderable garment service cannot be utilised. Our range includes the popular and widely used DuPont Tyvek and Proshield garments and accessories plus lower cost economy Polypropylene alternatives. The Kimberly Clark Kleenguard range can also be supplied. Most types can be supplied terminally sterilised for aseptic production use.

Dupont Tyvek



Tyvek is a unique and versatile material that is tough yet extremely light and soft to touch. Tyvek is air and water vapour permeable yet it repels water based liquids and fibres. It acts as an excellent barrier against particles and fibres and is also anti statically treated.

- Excellent abrasion and wear resistance
- Allows passage of air and wafer vapour for excellent breathability and comfort
- Anti-statically treated
- Can be supplied decontaminated and or irradiated



Coveralls



Available in a choice of collared, hooded or bunny suit designs these coveralls provide the basis of the clothing criteria required by most controlled environments. Manufactured by DuPont and available in a choice of sizes and all styles can be supplied irradiated. All variants have elasticated cuffs ankles and waist.

Garment Style	Size	Category	Code
Collared - Industry	S,M,L,XL,XXL	Type 5, 6	TG1(Size)
Hooded - Classic	S,M,L,XL,XXL, XXL	Type 5, 6	TG3 (Size)
Hooded - Classic Plus	S,M,L,XL,XXXL	Type 4b, 5,	TG23 (Size)
Classic Plus Bunny Suit	S,M,L,XL,XXXL	Type 4b, 5,	TG5 (Size)
(For sterilisation an 'S' will be added to the code after TG)			



Disposable Apparel



Coverall Sizing Chart

Size	Height	Chest
Small (S)	5'4" to 5'7"/162 to 170cm	33" to 36"/84 to 92cm
Medium (M)	5'6" to 5'9"/168 to 176cm	36" to 39"/92 to 100cm
Large (L)	5'8" to 6'0"/174 to 182cm	39" to 42"/100 to 108cm
X-Large (XL)	5'11" to 6'2"/180 to 188cm	42" to 45"/108 to 116cm
XX-Large (XXL)	6'1" to 6'4"/186 to 194cm	45" to 48"/116 to 124cm
XXX-Large (XXXL)	6'3" to 6'6"/192 to 200cm	48" to 52"/124 to 132cm

Coats

For environments where complete body coverage is not essential a coat is sometimes more suitable. In such areas, the durability of Tyvek allows the garment to be considered for repeated use, thus providing an economical choice.

- Ideal for visitors
- Available in zip or stud fastened designs
- Durable and comfortable to wear

Garment Style	Size	Category	Code
Lab coat—Stud Fastened no pockets	S,M,L,XL,XXL	N/A	TG13NP (Size)
Lab coat—Stud Fastened with 3 pockets	M,L,XL,XXL	N/A	TG13 (Size)
Lab coat—Zip Fastened 2 pockets	S,M,L,XL,XXL	N/A	TG6 (Size)



Disposable Apparel



Tyvek Accessories

To compliment the Tyvek garments a range of accessories are available to provide the necessary protection required in a controlled environment. They are extremely effective for either temporary or short life applications or for where activity renders the use of permanent apparel impractical. All Tyvek accessories can be supplied **sterilised** by irradiation if required.



Garment Style	Size	UOM	Code
Tyvek Balaclava/Hood - with elasticated face aperture and neck	One Size	100	TA1
Tyvek Overshoes - elasticated ankle	One Size	400 singles	TA5
Tyvek Overshoes with slip resistant sole - elasticated ankle	M/L	200 singles	TA5AS
Tyvek Overboots - elasticated	One Size	200 singles	TA6
Tyvek Overboots with slip resistant sole – elasticated	One Size	200 singles	TA7
Tyvek Oversleeves/Armllets 50cm length	One Size	200 singles	TA10

Disposable Apparel

DuPont™
Proshield®



Dupont Proshield Coveralls

The Proshield range of coveralls have been designed by DuPont to compliment the Tyvek range of garments for use where the cleanliness properties are not so critical but where comfort cost and protection remain paramount.

- All types are anti- statically treated
- All have hoods, plus elasticated ankles and cuffs
- Nylon zips



Proshield 10: An economical coverall ideal for single use and less demanding applications and where liquid and particle protection is less essential. Suited to warm areas and for less strenuous tasks.

Proshield 30: Offers improved particle and liquid repellency and is best suited to areas with lower ambient temperatures.

Proshield Comfort 60: Best suited to applications which are less demanding in terms of barrier but for warm environments and strenuous tasks.



Garment Style	Size	UOM	Code
Proshield 10 Coverall Hooded elasticated waist, cuffs and ankles. External sewn seams. Also available in blue.	S-XXXL	25 per case	DPS10 (Size) DPS10B (Size)
Proshield 30 Coverall Hooded, elasticated waist, cuffs and ankles. Internal sewn seams.	S-XXXL	25 per case	DPS30 (Size)
Proshield Comfort 60 Coverall Hooded (3 piece), elasticated waist, cuff and ankles. External sewn seams, ample crotch area.	S-XXXL	25 per case	DPS60 (Size)

Disposable Apparel

CES Economy Range

Non-Woven Polypropylene Coats & Coveralls

These disposable garments are an ideal solution where staff turnover may be frequent or for occasional access such as for use by visitors and maintenance staff.

- Lightweight and comfortable
- Cost effective single use garments
- Ideal for both visitors and staff
- Choice of fastening



Garment Style	Size	UOM	Code
White Coat Zip - single bagged	M, L, XL, XXL	100 per case	PG33 (Size)
White Coat Zip 3 Pockets - single bagged	M, L, XL, XXL	100 per case	PG23 (Size)
White Coat studs, single bagged	M, L, XL, XXL	50 per case	PG3 (Size)
White Coverall Zip, single bagged, hooded	M, L, XL, XXL	50 per case	PG2 (Size)

PVC Aprons & Sleeves

To protect work wear from splashes and stains we offer PVC aprons either flat packed or on a roll. Both aprons are 690mm x 1070mm and are 18 micron thickness and are available in 5 colours. Each case contains 1000 aprons. Oversleeves are available in 4 colours, with 2000 units per case










Garment Style	Size/UOM	Colour	Code
PVC Apron Flat Packed	690mm x 1070mm, 1000	White, Blue, Green, Red, Yellow	DPF (Colour)
PVC Apron Roll	690mm x 1070mm, 1000	White, Blue, Green, Red, Yellow	DPRA (Colour)
PVC Oversleeve	One Size, 2000	White, Blue, Green, Red	DP2 (Colour)

Disposable Apparel

Headwear

In addition to the premium branded range of garments and ancillaries a choice of single use and semi-disposable headwear is also available. These are especially suited for use by visitors and maintenance staff or where frequent changes are essential to conform to the protocols within the controlled environment. To protect against head borne contamination, mob caps, bouffant caps and semi-disposable peaked caps are available. Where greater coverage is required we offer a hood / balaclava which is also available in a sterile version for **aseptic** environments.

Garment Style	Size/UOM	Colour	Code	
Mob Cap (Crimped)	One Size, (100 x 10)	White, Blue, Green, Red, Yellow	PAL1 (Colour)	
Mob Cap (Detecta)	One Size (100)	Blue	D95230HP (Colour)	
Bouffant Cap (Flat)	One Size (100 x 10)	White, Blue, Green, Red	PA2 (Colour)	
Peaked Cap	One Size (100)	White, Blue	D98110HP (Colour)	
Hairnet	One Size (100)	White, Brown, Light Blue	T21220 (Colour)	
Snood Cap	One Size (100)	White, Blue	D89110HP (Colour)	
Beard Cover	One Size (100)	White, Blue, Green, Red	PA5 (Colour)	

Disposable Apparel

Footwear

Foot borne contamination can easily be minimised by the use of shoe covers which are available in a choice of designs and colours. The popular CPE overshoes are available in two sizes and a heavier duty white PVC or polypropylene overshoes can be supplied in white with blue or white PVC soles. A conductive white (no sole) version is also available.

Garment Style	Size/UOM	Colour	Code	
CPE Overshoe Blue, Regular or Large	Regular/Large (100 x 20) per case	Blue, Green	OS1(2)	
CPE Overshoe Blue, Regular or Large	Regular/Large (100) per pack	Blue	OS1(2)P100	
CPE Overshoe White, Regular or Large	Regular/Large (100 x 20) per case	White	OS5(6)	
CPE Overshoe White, Regular or Large	Regular/Large (100) per pack	White	OS5(6)P100	
PVC Heavy Duty White	One Size (50 x 10) per case	White	OSHD1	
White Polypropylene Overshoe - White PVC Sole	One Size (100 x 10) per case	White	PAGT40	
White Polypropylene Overshoe - Blue PVC Sole	One Size (100 x 10) per case	White/Blue	PAGT39	
White Conductive Polypropylene Overshoe	One Size (150) pairs	White	PA19	



Critical Environment Solutions Ltd

Company Contact's

For technical support and product recommendation, please contact a member of our customer sales team:

Suite 4, Epsilon House
Laser Quay
Medway Estate
Rochester ME2 4HU

Phone: 01634 719422
Fax: 01634 297415

Email: sales@cesltd.uk.com

For dispatch enquiries or order tracking, please contact a member of our logistics team:

2276 Dunbeath Road
Elgin Industrial Estate
Swindon
Wiltshire SN2 8EA

Phone: 01793 512505
Fax: 01793 511994

Email: orders@cesltd.uk.com

For account enquiries, please contact a member of our accounts team:

2276 Dunbeath Road
Elgin Industrial Estate
Swindon
Wiltshire SN2 8EA

Phone: 01793 512505
Fax: 01793 511994

Email: accounts@cesltd.uk.com

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