

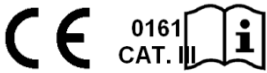
SURGICAL AND PROTECTIVE GOWN

Ref: Bata Europa

Certified surgical gown and Personal Protective Equipment. Reusable for 75 cycles and suitable for autoclaving. Manufactured with our own technical fabric, national production. Fanotex: 99% PE tetra-lobular + 1% Carbon



EN 14126
PB-4B / PB-6B



UNE EN 13795	Meets quality requirements for surgical areas
UNE EN 14126	Protective clothing against biological agents
EN ISO13688	Personal protective equipment
UNE en 20811	Resistance to liquid penetration
EN 29073-3	Bursting strength - dry
EN 1149-3	Static dissipation – charge decay
EN 31092	Water vapour resistance (comfort)
EN 11737-1	Microbial cleaning
ISO 22612	Resistance to microbial penetration
ISO 9073-10	Linting
ISO 13938-1	Resistance to dry burst
ISO 10993	Cytotoxicity

New generation clean textile, with proven quality guarantee by Technotex®

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TECHNICAL PROPERTIES OF THE GARMENT



Features:

- Circular knit front collar (colour by size)
- Adjustment brackets at nape
- Raglan sleeves, with seamless elastic cuffs
- Closure straps at the waist (interior + exterior)
- Loose design with straight finish
- Reinforced seams

Gown's benefits:

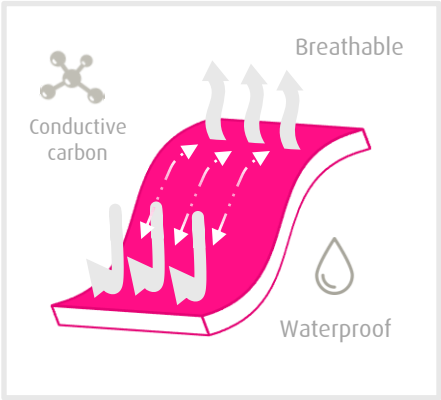
- Barrier to particles, microorganisms and infectious agents.
- Highly water-repellent
- Anti-static permanent properties.
- Lightweight and highly breathable
- Resistant and easy care (outstanding durability)
- Great comfort

TECHNICAL PROPERTIES OF THE FABRIC

Article FANOTEX

Ow and exclusive technical fabric, national manufacture : 99% polyester tetra-lobular + 1% Carbon. Washable and autoclavable for 75 cycles while maintaining technical properties. Latex free. It does not produce allergies or irritate the skin. Proven quality guaranteed by Technotex® .

- ✓ Water-repellent fabric
- ✓ Barrier to infectious agents and bacteria penetration.
- ✓ Antistatic permanent properties
- ✓ Comfortable, light and breathable
- ✓ Suitable for operating areas rooms, ICUs and clean rooms
- ✓ Outstanding durability



Technical properties of the fabric:

Spinning type	Microfiber polyester with carbon filaments
Composition	99% polyester, 1% Carbon
Weight	125 g/m2

The following table summarizes the results obtained and indicates he compliance requirements:

	Norm	Units	Result	Requirements
Surgical areas	UNE-EN 13795: 2019	Several	COMPLY	Several
Biological protection	EN 14126:2003/ AC:2004 Tipo PB- 6-B	Several	COMPLY Cat. III	Several
Clean room classification	ASTM F51	Several	ISO 5 – Class 100 – GMP A/B	Several
Particulate matter cleaning	ISO 9073	IPM	3,22	≤ 3,5
Lint emission	ISO 9073	Log ₁₀	3,39	≤ 4
Vapor permeability	UNE – EN 31092	M2PA/W	4.42	< 6
Resistance to bursting dry/wet	ISO 13938	kPa	199,1 / 231,5	->40
Tensile strength	EN- 29073	N	U/590 T/170	>20
Cytotoxicity	ISO 10993	Recovered cells	100%	COMPLY
Resistance to wet/dry microbial penetration	ISO 22612	Log ₁₀ ufc	0/5.9	≤ 2 / > 2.8
Static dissipation	UNE 1149	Dissipation time	0,01 seconds	COMPLY
Resistance to liquid penetration	UNE en 20811	Cm H ₂ O	53,2	>20

Washing recommendations

Clean textiles

Article : FANOTEX

Loading machine: 70% nominal charge

Comments: The specifications given in the recommendations should only be taken as a guide. Please before using them, contact your supplier of detergents for dosage.

	Time (min.)	Temperature ° C	Water level	Products
Remojo	2	Cold water	Medium	
Prelavado	6	40-45° C	Medium	Detergent for the pre-wash
Lavado principal	10	60/70° C	Low	Detergent for the main wash
1er Aclarado	3	30°C	High	
2do aclarado	3	30°C	High	
3er aclarado	3	Cold water	High	
Neutralización	1	Cold water	High	

	Temperature	Time	Others
Drying	85-90° C	7-8 minutes	Cool 2 minutes

Small amount of detergent or product is enough. The fabric is very easy washed. The rinse phase is specially important. We recommend a higher dosage of detergent during prewash and a lower one during the washing process. In this way we neutralize the rinses.

To guarantee the durability of the properties of our technical fabrics, it is recommended to completely remove (neutralize) any remaining detergents and alkalis.

- Detergent and alkaline residues lead to premature aging of the fibers.
- Do not use fabric softeners, bleaches, or bacterial, fungicidal products,...

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