



Flame  
retardant



Waterproof



Super Absorbent  
Polymers



Extra Tensile  
strenght



Cotton  
free



Due to the importance of the surgical drapes as an infection barrier there is a European standard that sets out the technical requirements of the products. To accomplish this European standard the manufactures have to pass some technical requirements.

In addition, this is an excellent tool to compare product performance and analyze different qualities.

From Climadrape, we believe that the material that covers the patient is as important as the one that covers it below. That is why we submit and manufacture our products with the same requirements.



**Climadrape®**  
Choose safety

## Climadrape complies with all the requirements of the **EUOPEAN NORMATIVE EN-13795-3**

Comparison between the requirements of the European regulation EN - 13795-3 and the Climadrape performance.

	REQUERIMENT	CLIMADRAPE
Cleanliness - microbial	300 CFU	27 CFU
Cleanliness - particulate matter	<3'5 IPM	3'02 IPM
Linting	$\leq 4 \log_{10}$	3'46 $\log_{10}$
Resistance to liquid penetration	$\geq 100 \text{cm H}_2\text{O}$	535cm H <sub>2</sub> O
Bursting strength - dry	$\geq 40 \text{ kPa}$	97,1 kPa
Bursting strength - wet	$\geq 40 \text{ kPa}$	105'7 kPa
Tensile strength - dry	$\geq 15 \text{N}$	111N
Tensile strength - wet	$\geq 15 \text{N}$	82N

Based on studies from third party laboratories available on request

Climadrape

Tel.+34 937 378 301 - info@climadrape.com - www.climadrape.com

# Climadrape technical documentation

Increasing patient safety

## FLAME RETARDANT

The fire behavior of the products intended to cover a surface that are exposed to external elements (electrosurgical energy, inflame solutions, etc.) is important to minimize the risks.



### Burning behavior of bedding items:

- PASS for the ignitability by a smouldering cigarette test.
- PASS for the ignitability by a small open flame test.

OBTAINS MAXIMUM CLASSIFICATION: A



## CHARGE DECAY

The electrosurgical behavior of the articles that can receive some electrical charge is important to take extreme precautions.

### Performance according to the induction charging method.

- PASS the shielding factor requirement.
- PASS the decay half time requirement.

Potential applied in the method 1200v



## DERMATOLOGICALLY TESTED

Any product in contact with the skin should not irritate.

0 skin irritation at:



## COTTON-FREE

One of main reasons of the normative EN 13795-3 is to maintain the operating room clean of particles. For this reason, Climadrape is a cotton-free product.



## REDUCES HEAT LOSS

Maintaining the patient's heat is essential to reduce hypothermia. The tests show that Climadrape reduces the heat loss by 51%.



# Choose safety

