

# CPE cast film for disposable barrier coat

## Detail Introduction :

Disposable isolation clothing is usually made of a single layer of plastic film with excellent impermeability. Isolation clothing should cover the torso and all of the clothing to avoid contamination by blood, body fluids, and other infectious materials, so it should have impermeability, antistatic properties, etc.



## 1. Characteristics of isolation clothing

### (1) Material

Disposable isolation clothing is made of a single layer of plastic film, the process is simple, and the cost is different from medical protective clothing. The process of medical protective clothing is more complicated and usually needs to involve the compounding process. The polyethylene flash spinning method is not suitable, and spunbond/melt blown/spunbond (SMS) or spunbond/melt-blown/melt-blown/spunbond (SMMS) composite nonwovens are widely used to compound with a microporous film.

### (2) Scope of application

Disposable barrier gowns are protective gear used by medical personnel to avoid contamination with body fluids, and other infectious materials or protect patients from infection. It is to prevent medical

personnel from being infected and prevent patients from being infected, which is two-way isolation. This is also different from medical protective clothing. Medical protective clothing is the protective gear worn by clinical staff when they contact patients with infectious diseases of category A or infectious diseases not classified by category A. It is one-way isolation to prevent medical staff from being infected and is mainly used by medical staff.

## 2. CPE film for disposable isolation gown

CPE film for isolation gown supplied by Hengning New Material Co., Ltd. is made of high-quality CPE of raw materials, which are waterproof, anti-static, soft to the touch, good toughness, etc. It is safe and environmentally friendly and is suitable for various fields such as medical, chemical, and environmental protection. At the same time, comfortable to wear, gram weight 25 ~ 40g/ (other gram weight can be customized), width 155cm, can be applied to different isolation clothing cutting design models.

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