

# 10 Key Reasons to Choose Vinyl in Healthcare Applications



**vinyl** **plus**  
**healthcare**

COMMITTED TO SUSTAINABILITY IN MEDICAL APPLICATIONS

# 10 Key Reasons to Choose Vinyl in Healthcare Applications



## Proven Safety

Polyvinyl chloride (PVC or vinyl) is an inert, non-toxic material that has been safely used in disposable medical devices, pharmaceutical packaging, and other healthcare applications for decades.



## Continuous Innovation

Ongoing industry research is continuously expanding the range of plasticisers and other additives for medical applications, enhancing performance, safety, and sustainability.



## Recyclability

VinylPlus® Med shows that single-use vinyl medical devices can be recycled into durable products for hospitals. VinylPlus® PharmPack is pioneering dissolution technologies for blister packaging.



### **Cost-Effective**

No alternative to vinyl in healthcare offers the same price-performance ratio. Switching to other materials could lead to a 30% increase in medical device costs, impacting healthcare affordability and accessibility.



### **Widest Range of Benefits**

Vinyl offers excellent transparency, anti-kinking flexibility, chemical resistance, and sterilisation – making it ideal for use in sterile, high-performance healthcare environments.



### **High Compatibility**

Vinyl is characterised by high biocompatibility, which can be further enhanced through surface modifications. It is also compatible with virtually all pharmaceutical products used in healthcare today.



### **Extensive Versatility**

Vinyl is used in tubing, bags, masks, blister packs, flooring, windows, pipes, cables, rescue gear, ambulances, and much more.



### **Low-Carbon Material**

Vinyl is made from 57% salt, offering a lower carbon footprint than other polymers. Bio-attributed and bio-circular PVC resins, along with non-fossil-based additives, are available.



### **Ease of Processing**

Vinyl is easy to process using all common plastic converting technologies, ensuring efficient manufacturing.



### **Design Freedom**

Vinyl gives architects, designers, and artists endless possibilities for healthcare environments, creating safe, functional, and welcoming spaces.



## About VinylPlus Healthcare

VinylPlus Healthcare was established in 2025 as a dedicated platform under VinylPlus®, the commitment to sustainable development of the European PVC industry.

It brings together the activities of the now-closed PVCMed Alliance with VinylPlus® Med for medical device recycling and VinylPlus® PharmPack for pharmaceutical blister packaging recycling.

VinylPlus Healthcare serves as the central hub for sustainability, innovation, and circularity in medical vinyl applications, promoting responsible material use, enhancing recycling initiatives, and fostering collaboration across the healthcare value chain.

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**vinyl**   
**med**

COMMITTED TO CIRCULARITY  
IN MEDICAL DEVICES

**vinyl**   
**pharmpack**

COMMITTED TO CIRCULARITY IN PHARMA PACKAGING



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