

# COMMITTED TO PVC IN HEALTHCARE

PVC is the most used plastic in life-saving disposable medical devices, and it will remain the material of choice in the years to come.

## Where is PVC used in healthcare?



### Single use

- 1 — Medical tubing
- 2 — Blood bags, IV bags & dialysis bags
- 3 — Oxygen masks

### Long term use

- 4 — Mattress covers
- 5 — Diagnostic and testing equipment
- 6 — Floor covering
- 7 — Nurse clogs
- 8 — Wall covering
- 9 — Rehabilitation products

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## Why is PVC used in healthcare?

PVC is fundamental in the creation of modern healthcare systems, as the material is able to guarantee the quality and performance demanded by medical professionals and regulatory bodies. Over the years, the plastic has proved to be a safe, reliable and cost-efficient material for healthcare solutions.



### SAFETY

PVC fully complies with safety requirements for professionals and patients in the healthcare environment and has been used safely in healthcare for more than 70 years.



### COST EFFICIENCY

PVC combines very low manufacturing and maintenance costs with excellent durability and long-lasting performance.



### FLEXIBILITY

PVC can be moulded or formed into endless shapes and products such as blood bags, tubing, intravenous bags, and oxygen masks. PVC can be extruded to make IV tubing, thermoformed to make blister packaging, or blow moulded to make hollow rigid containers.



### CHEMICAL STABILITY

Materials used in medical applications must be capable of accepting or conveying a variety of liquids without themselves undergoing any significant changes in composition or properties; PVC meets these demands.



### RECYCLABILITY

PVC is easily recyclable, and since 2014 VinylPlus® has financed recycling schemes for PVC medical devices. In 2022, VinylPlus® Med, a recycling scheme for discarded single-use PVC medical devices, was launched to accelerate sustainability in European healthcare.