

HYGENICA IPC CURTAINS

RECYCLING AND RECYCLABILITY

Hygenica's curtains are designed and manufactured to be fully recyclable.

The versatile and easily recyclable plastic polypropylene is used to manufacture every material and component within the product. Even the labels are polypropylene:

Fabric	Non-woven spun-bond polypropylene
Hooks	Injection-moulded polypropylene
Tie-backs	Injection-moulded polypropylene
Labels	Polypropylene laminate

Polypropylene

Polypropylene is a widely recycled type-5 plastic that is found in many consumer products.



Polypropylene products are recycled by a broad range of recycling service providers. Many types of polypropylene products can be recycled by these providers, who may combine it with other post-consumer polypropylene waste. Polypropylene from sources such as disposable curtains and sterilised surgical instrument wrapping are routinely collected from hospitals for recycling. Such material, unless biologically soiled, can be captured and classified as non-clinical waste and can be baled on site or removed for baling off-site.

Waste Disposal

The National Health Service as a waste producer has a legal duty to dispose of its waste properly in accordance with the duty of care requirements imposed under the Environmental Protection Act 1990 (section 34) and the Environmental Protection (Duty of Care) Regulations 1991. Implementation of Hygenica disposable cubicle curtains can contribute to local and national recycling, environmental and budgetary targets.

Disposable polypropylene curtains are collected and enter a recycling stream alongside other polypropylene items, including construction material sacks and bottles. The waste may be washed and sorted before being broken down, depending on downstream usage. The material may then be shredded before being melted and extruded to produce pellets. Such pellets are the primary raw material feedstock for the broad range of polymer production processes that polypropylene is compatible with, including spun-bond, injection moulding and blow moulding, and the pellets are therefore sold into the manufacturing chain with broad potential for use. End-products manufactured with recycled polypropylene include grocery boxes and woven sacking.

