

## CLINIPAK HEAVY LINERS

### Product Codes

➤ LINHxxxx

Clinipak Heavy Liners are used under trays to not only protect inner wraps from the sharp corners or feet on trays and baskets, but to absorb condensate during sterilisation. These sheets are manufactured from a heavier medical paper than our standard tray liners and can be used as a shelf liner for added protection from rough handling and wet packs.



The sheets can be used inside a tray or more commonly used under a tray to protect sterilisation wraps from internal damage and subsequent handling.

### Materials

Clinipak Heavy Liners are made from pure ECF (Elemental Chlorine Free) and latex-free wood pulp, manufactured with low chloride and sulphate content and free from optical brightening agent. It contains a wet strength resin.

### Standard Properties

Characteristics	Test Method	Unit	Results
Average mass of 1m <sup>2</sup>	ISO 536	g/m <sup>2</sup>	110
pH-value	ISO 6588-2	-	7.6
Chloride	ISO 9197	%	0.023
Sulphate	ISO 9198	%	0.029
Optical Brightening increase	ISO 2470-2	%	No increase in brightness due to the optical brightener of more than 1% - Conform
Fluorescence	Visual Observation	-	number of spots ≤ 5 ; spots axis > 1mm / 0,01 m <sup>2</sup> - Conform
Specific requirements for creped paper			
Elongation	ISO 1924-2	%	8
Thickness	ISO 534	µm	310
Humidity	ISO 287	%	6.5
Air Permeability	ISO 5636-3	mL/min	1500
Tensile strength	ISO 1924-2	kN/m	4.26 in machine direction    2.53 in cross direction
Dry Bursting Strength	ISO 2758	kPa	260
Wet Bursting Strength	ISO 3689	kPa	70
Liquid absorptive capacity	ISO 9073-6	%	200

Last update: January 2018

**Storage Conditions**

It is recommended that Clinipak Heavy Liners are stored at 10-35°C/20-80%RH.

**Sterilisation Compatibility**

Clinipak Heavy Liners are compatible with steam sterilisation processes up to 137°C for 3.5 minutes and Ethylene Oxide procedures up to a temperature of 65°C.

Clinipak Heavy Liners are not compatible with plasma sterilisation procedures.