

## AMCOR FLAT REELS &amp; POUCHES

## Product Code(s)

- AM91BOPxxxxx- Flat Pouches
- AM92BOPxxxxx- Flat Reels

Amcor Flat Reels and Pouches with top web medical paper and bottom web lilac tinted laminate, are designed for packing of a large variety of in-hospital sterilisable products like linen, trays, dressings, sets, instruments etc.

Amcor Flat Reels and Pouches have:

- Excellent peel ability.
- Excellent mechanical strength.
- Reduction of noise pollution at the opening.
- Microbial barrier according to EN ISO 11607-1.

## Material

- Film Web: 12µm lilac polyester laminated to a 38µm “shaterless” polypropylene.
- Paper Web: 60 gsm printed paper, tested and validated according to EN 868-3.
- Process Indicator: Process indicator for Steam, Formaldehyde and EO Gas sterilisation according to ISO 11140-1.

## Properties

Paper :

PROPERTIES	UNITS	METHOD	MINI	TYPIC	MAXI
SUBSTANCE	g/m <sup>2</sup>	ISO 536	57	60	63
BENDTSEN POROSITY	ml/mn	ISO 5636-3	800	1000	1250
AIR PERMEABILITY	µm/(Pa.s)	ISO 5636-3	9,1	11,3	14,2
ROUGHNESS FF	ml/min	ISO 8791-2	250	350	500
ROUGHNESS FT	ml/min	ISO 8791-2	250	350	500
PORE DIAMETER	µm	EN 868-2:2009 (app. E)		21	35
THICKNESS	µm	ISO 534	74	83	92
TENSILE STRENGTH MD	kNm	ISO 1924-2	4,67	6,3	
WET TENSILE STRENGTH CD	kN/m	ISO 1924-2	2,33	3,3	
WET TENSILE STRENGTH MD	kN/m	ISO 3781	0,9	2	
TENSILE STRENGTH CD	kN/m	ISO 3781	0,45	1	
BURST STRENGTH	kPa	ISO 2758	230	350	
WET BURST	kPa	ISO 3689	70	130	
TEARING STRENGTH MD	Mn	ISO 1974	550	650	
TEARING STRENGTH CD	Mn	ISO 1974	550	650	
COBB TEST (60s)	g/m <sup>2</sup>	ISO 535		15	20
WATER REPELLENCY	s	EN 868-2:2009 (app. D)	20	35	
FLUORESCENCE	pts/dm <sup>2</sup>	EN 868-2:2009 (app. B)		0	

Laminate :

PROPERTIES	UNITS	METHODS	VALUES
POLYESTER SUBSTANCE	g/m <sup>2</sup>	SPS	16 à 17,4
POLYESTER THICKNESS	µm	SPS	12 ± 5 %
ADHESIVE SUBSTANCE	g/m <sup>2</sup>	SPS	1,65 ± 0,15
POLYPROPYLENE SUBSTANCE	g/m <sup>2</sup>	SPS	32,5 à 35,9
POLYPROPYLENE THICKNESS	µm	SPS	36 à 40

Pouches and Reels :

PROPERTIES	UNITS	METHODS	VALUES
SEAL STRENGTH	N/15mm	EN 868-5	≥ 1,5

### Heat Sealing and Opening

- Heat Sealing should be carried out at 170-185°C to achieve a minimum seal strength of 1.5N/15mm when tested at a jaw separation speed of 200mm/min.
- Make sure to keep enough area to allow the passage of the sterilising agent (fill to 2/3 max capacity within the packaging).
- Position the packaging plastic to plastic or paper to paper sides together in the steriliser.
- At the opening, remove the attachment points and peel chevron side.

### Sterilisation compatibility

Amcor Flat Reels and Pouches are compatible with Steam, Ethylene Oxide, Formaldehyde Sterilisation Processes. These are NOT suitable for Gamma Irradiation or Plasma process.

### Conformance

Amcor Flat Reels and Pouches conform to ISO 11607-1 & 2 and EN 868-5  
Both indicator strips are Class 1 process indicators compliant with ISO 11140-1.

### Storage Conditions

Amcor Flat Reels and Pouches should be stored in dry areas away from light and heat at temperature 10-30°C and 30-60%RH.

The shelf life is 5 years from date of manufacturing when stored under above recommended storage conditions.