

AMCOR ULTRA REELS AND POUCHES

Product Code(s)

- AM98ULTxxxxx- Pouches
- AM99ULTxxxxx- Reels

Flat pouches/flat sterilisation reels with one side laminate (printed) and one side porous material (polyolefin), are designed for packing of a large variety of single use and reusable medical devices, instrument trays, sets, surgical packs, heavy and bulky devices, complex instruments and every device that requires a specific protection. Amcor Ultra Reels and Pouches have:

- Excellent peel ability, no fiber tears, no particles emission.
- Excellent mechanical strength
- Good penetration of the sterilizing agent and facilitates / improves the drying phase.
- High microbial barrier performance (validated before and after sterilization).

Material

- One blue laminated web in sandwich printed, made of a 12µm polyester and a 38µm polypropylene "Peel".
- One 93gsm (average value) polyolefin bottom web.
- Steam process indicators according to ISO11140-1.

Properties

Porous web :

PROPERTIES	UNITE	METHOD	TYPIC	MINI	MAXI
SUBSTANCE	g/m ²	ISO 536	93	88	98
TENSILE STRENGTH MD*	kN/m	EN ISO 1924-2	5,3	4,4	
TENSILE STRENGTH CD*	kN/m	EN ISO 1924-2	3	2,2	
TENSILE STRENGTH WET CONDITIONS MD*	kN/m	EN ISO 1924-2	5,3	4,4	
TENSILE STRENGTH WET CONDITIONS CD*	kN/m	EN ISO 1924-2	3	2,2	
BURST STRENGTH	kPa	ISO 2758	580	230	
BURST STRENGTH WET CONDITIONS	kPa		In progress	35	
TEARING STRENGTH MD*	mN	EN 21974	2000	550	
TEARING STRENGTH CD*	mN	EN21974	2000	550	
BENDTSEN POROSITY	ml/mn	ISO 5636-3		>300	
PORE SIZE	µm	EN 868-3(app.B)	31		35
PUNCTURE RESISTANCE	N	ASTM D3763	105		

Laminate :

PROPERTIES	UNIT	METHOD	TYPIC	MINI	MAXI
POLYESTER SUBSTANCE	g/m ²	SPS	16,7	16	17,4
POLYESTER THICKNESS	µm	SPS	12	11,4	12,6
ADHESIVE SUBSTANCE	g/m ²	SPS	1,65	1,50	1,80
POLYPROPYLENE SUBSTANCE	g/m ²	SPS	33,82	32,12	35,51
POLYPROPYLENE THICKNESS	µm	SPS	38	36,1	39,9

Pre forming :

PROPERTIES	UNIT	METHOD	TYPIC	MINI	MAXI
SEAL STRENGTH	N/15mm	EN 868-5 Annexe D	6	≥ 1,5	--

