



## New material, new performances!

The centralisation of sterilisation activities and subcontracting between hospitals or industrial units have exposed sterilisation packaging to new constraints such as providing resistance to mechanical shocks while at the same time ensuring aseptic conditions when opened at point of use.

In response to this problem, Amcor SPS presents Ultra : a new type of SBS\* which will revolutionise packaging practices. Ultra consists of a surface in a completely new porous material with a non-woven base (90 gsm) and a laminated film surface specially developed to increase peelability performance.

Sealing is carried out using a rotary sealer identical to the models currently used by healthcare facilities.

\*SBS = Sterile Barrier System

### • Storage and Transport :

Ultra offers mechanical strength never attained before for packaging intended for steam sterilisation.

Tests carried out show resistance to tearing or perforation up to 5 times greater than with conventional packaging.

### • Resistance to sterilisation process :

By virtue of its design, Ultra considerably reduces the risks of bursting observed during steam sterilisation (e.g. vacuum phases during pre-treatment). The preforming of the industrial seals is 4 or 5 times higher than the minimum value given by standard EN 868-5.

### • Peelability :

Through studies of the risks of aseptic faults when packaging is opened, up to 65 % non-compliance has been observed on standard-type packaging. Under the same opening conditions, Ultra eliminates any risk of defibration on opening, including on the two seals carried out by the user.

### Flat Reels

Single indicator : steam

1 "Ultra" porous web / 1 transparent film web

CODE	SIZES (mm x m)	PACK
99ULT09070	90 x 70	3
99ULT12070	120 x 70	2
99ULT16070	160 x 70	2
99ULT21070	210 x 70	2
99ULT27070	270 x 70	1
99ULT32070	320 x 70	1
99ULT38070	380 x 70	1
99ULT42070	420 x 70	1
99ULT47070	470 x 70	1
99ULT52070	520 x 70	1
99ULT58070	580 x 70	1

### Flat Pouches

Single indicator : steam

1 "Ultra" porous web / 1 transparent film web

CODE	SIZES (mm x mm)	PACK
98ULT01240	120 x 400	1000
98ULT01634	160 x 340	1000
98ULT02242	225 x 420	500
98ULT02845	285 x 450	500
98ULT03250	320 x 500	500
98ULT03845	380 x 450	500
98ULT03869	380 x 690	400



### Conformity

NF EN ISO 11607-1 and EN 868-5

## Specifications

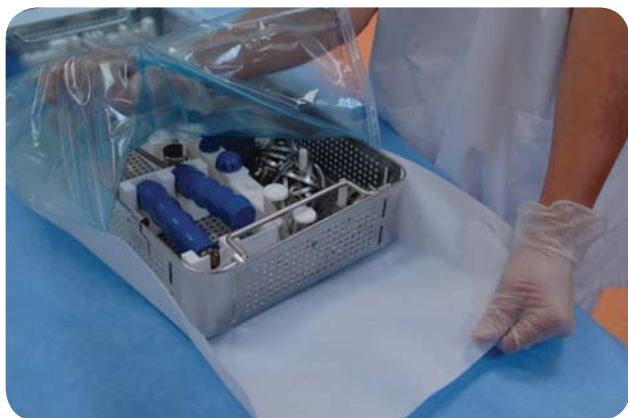
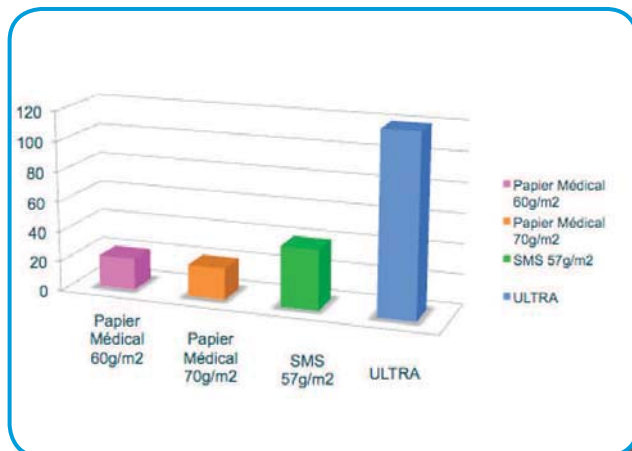
- High tensile strength (for packaging of heavy and / or bulky instruments trays)
- Performances of "microbial barrier" superior to conventional materials
- 3 times more resistant to puncture than standard materials
- Excellent peelability providing aseptic conditions at point of use
- Transparent web: visibility of contents
- Shelf life: 5 years after manufacturing
- Compatible with steam sterilization 134/18
- Wide choice of sizes
- No defibring, no particulate emissions.



Puncture Resistance  
(Newton)

### Tensile Strength:

Puncture resistance test according to ASTM D3763:  
ULTRA is up to 4 times more resistant to perforation  
than conventional porous materials



The Ultra concept performances guarantee a lifetime of 5 years after manufacture. In order to go further in the quality of its products, Amcor Flexibles SPS, with the help of one of its hospital partners, has launched a program to test the post-sterilization microbial barrier: an independent laboratory has validated these microbial barrier tests valid for more than 1 year.

With a wide choice of sizes, the Ultra<sup>®</sup> range is particularly suitable for the packaging of your instrument trays and your surgical packs. For better performances and to facilitate the packaging of your surgical compositions and other medical devices, we recommend using our Ultra<sup>®</sup> range with our Reel Dispenser and our “mini-kit” work-station (contact us for more information.)

