



A Step Beyond Safety

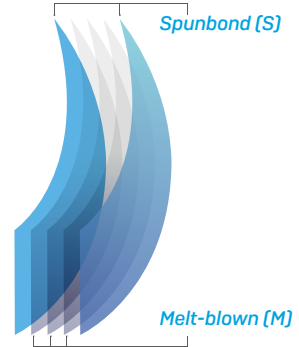
SafeSeal[®]
Sterilisation Wrap

SafeSeal® Sterilisation Wrap | Care with confidence

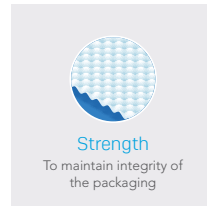
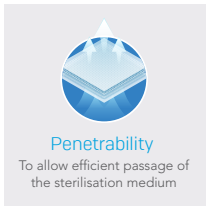
The delivery of sterile surgical instruments to the operating theatre not only depends on the quality of the sterilisation process, but also upon the efficacy of the packaging material used.

The SafeSeal Sterilisation Wrap range includes single sheet and double bonded sheet. It enables you to tailor the complete packaging system to the instrument container, ensuring efficient sterilisation and anti-microbial protection throughout the life cycle of the instrument tray.

- SafeSeal Sterilisation Wrap is made of polypropylene using a five-layer (Spunbond-Melt-blown-Melt-blown-Melt-blown-Spunbond) process.
- The outer layers of the sterilisation wrap provide exceptional strength and durability.
- The inner layers of melt-bond fibers provide an optimum barrier to bacteria and liquid while allowing penetration of gas sterilant.



Every SafeSeal® Sterilisation Wrap | Delivers



Penetrability

During sterilisation of surgical instruments, the packing system must permit rapid entry and exit of the sterilisation medium into the interior of the pack to ensure that the contents are fully sterilised.

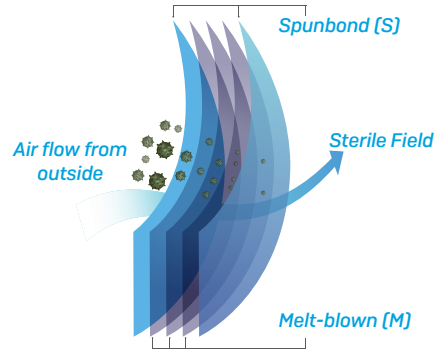
The SafeSeal Sterilisation Wraps are compatible with Ethylene Oxide (45°C /180 min/650mg/l), Steam (134 °C/18 min), and H₂ O₂ Plasma (50°C/ 2 injections) allowing full penetration of EO, Steam and Plasma sterilisation agents.



Barrier Effectiveness

The sterile barrier system of the SafeSeal Sterilisation Wraps prevents the ingress of micro-organisms and unwanted foreign bodies to the pack interior, to maintain sterility of the contents via the 'tortuous path' principle.

Micro-organisms can be carried by both air and liquids; therefore, it is essential that the capability of the bacterial barrier is tested in both the wet and dry states.

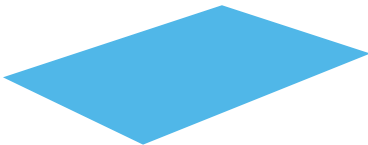


As per AS1079.5-2003, no single method of test can be standardised and considered to be the best way to evaluate microbial penetration. Hence the evaluation of the SafeSeal Sterilisation Wrap is performed using more than one test to establish a reliable guideline.

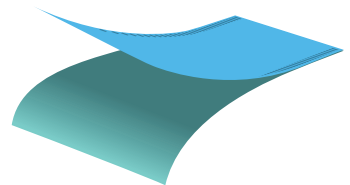
Barrier Effectiveness	Test Method	Safe Seal Single Sheet	Safe Seal Double Bonded Sheet
Microbial barrier	DIN 58953-6, section 3 EN ISO 11607-1	✓	✓
Bacterial Filtration Efficiency (BFE)	EN 14683	✓	✓
Sterility Maintenance: Minimum 180 Days	Nelson Lab test protocol	✓	✓

Strength

SafeSeal Sterilisation Wraps' spunbound outer layers are designed to provide optimum resistance to tears, punctures, strain abrasion, and fraying under normal conditions. It provides adequate repellency against water and other liquids, which can serve as vehicles for transmission of micro-organisms.



• SINGLE SHEET



• BONDED SHEET

SafeSeal® Sterilisation Wrap

SINGLE SHEET FOR SEQUENTIAL WRAPPING - BLUE

Product Code	GSM	Dimension	Packaging	Features
GSR450600	50	60cm x 60cm	1 pack/case, 250pcs/pack	• 100% Polypropylene with SMMMS structure
GSR450750	50	75cm x 75cm	2 pack/case, 100pcs/pack	• Superior BFE for airborne microbes
GSR450900	50	90cm x 90cm	2 pack/case, 100pcs/pack	• Latex-free, low lint, anti-static
GSR450120	50	120cm x 120cm	1 pack/case, 100pcs/pack	• Fluid and flammability resistant
GSR450130	50	137cm x 137cm	1 pack/case, 100pcs/pack	• Tested for time-related sterility maintenance

DOUBLE BONDED SHEET FOR SIMULTANEOUS WRAPPING - BLUE+GREEN

Product Code	GSM	Dimension	Packaging	Features
GSR400750	60+60	75cm x 75cm	1 pack/case, 50pcs/pack	• Designed to withstand heavy tray
GSR400120	60+60	120cm x 120cm	1 pack/case, 25pcs/pack	• Saves time while wrapping and opening
GSR500100	70+70	100cm X100cm	1 pack/case, 25pcs/pack	• Easy breach identification with contrasting colour -green and blue
GSR500120	70+70	120cm x 120cm	1 pack/case, 25pcs/pack	• Different sizes and grades for different instrument tray



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