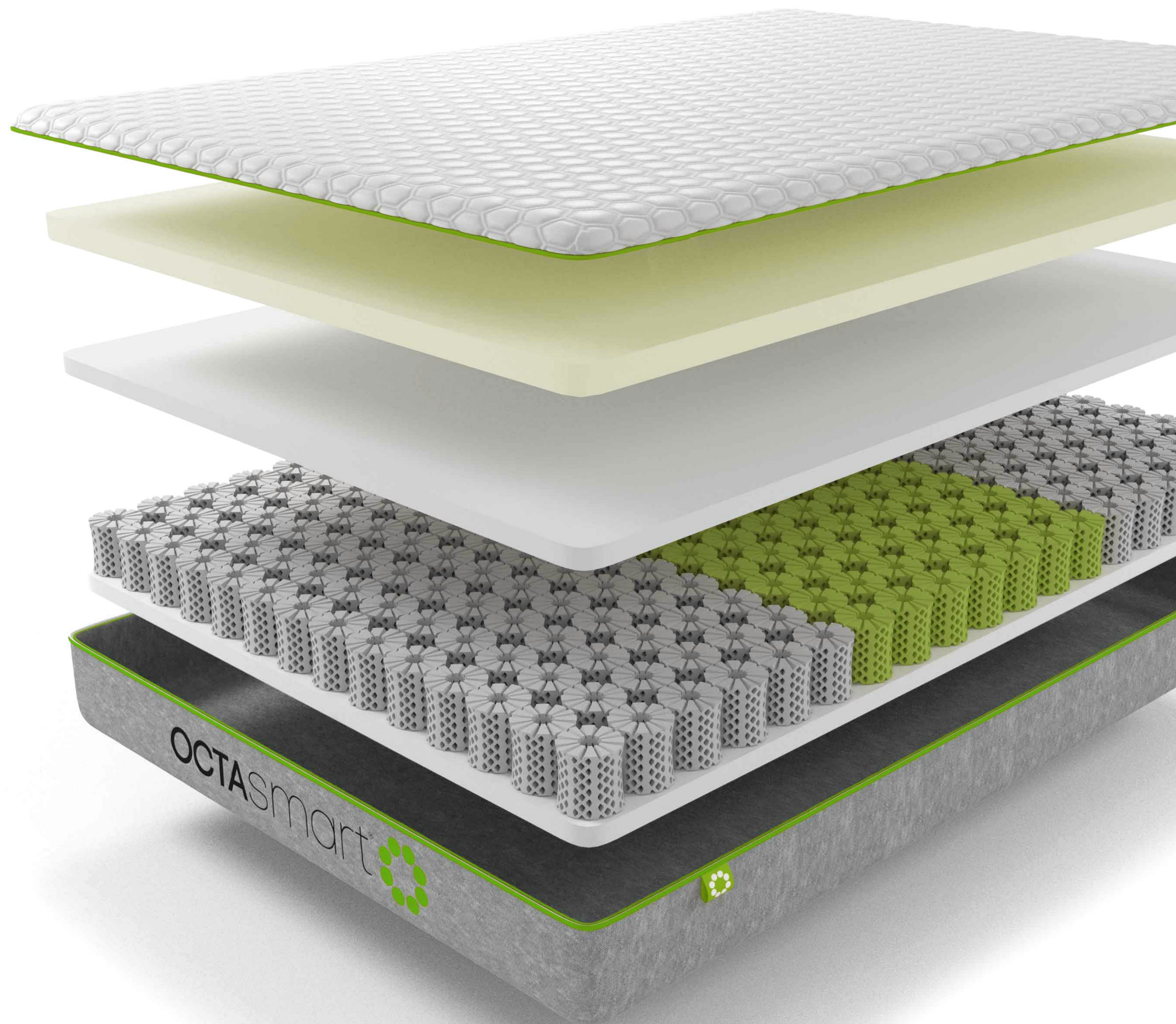




Light Weight Crew Rest Mattresses





BOEING 787

Light weight mattresses by Cabinair Group



BOEING 787 DREAMLINER

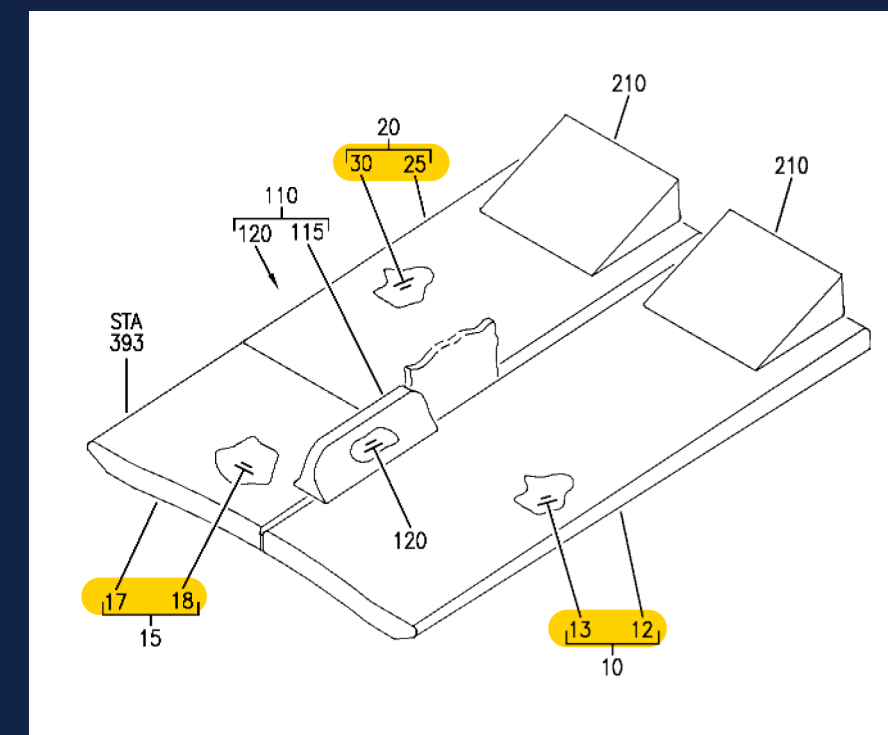


A Mattress and miscellaneous instl-ovhd flight crew rest

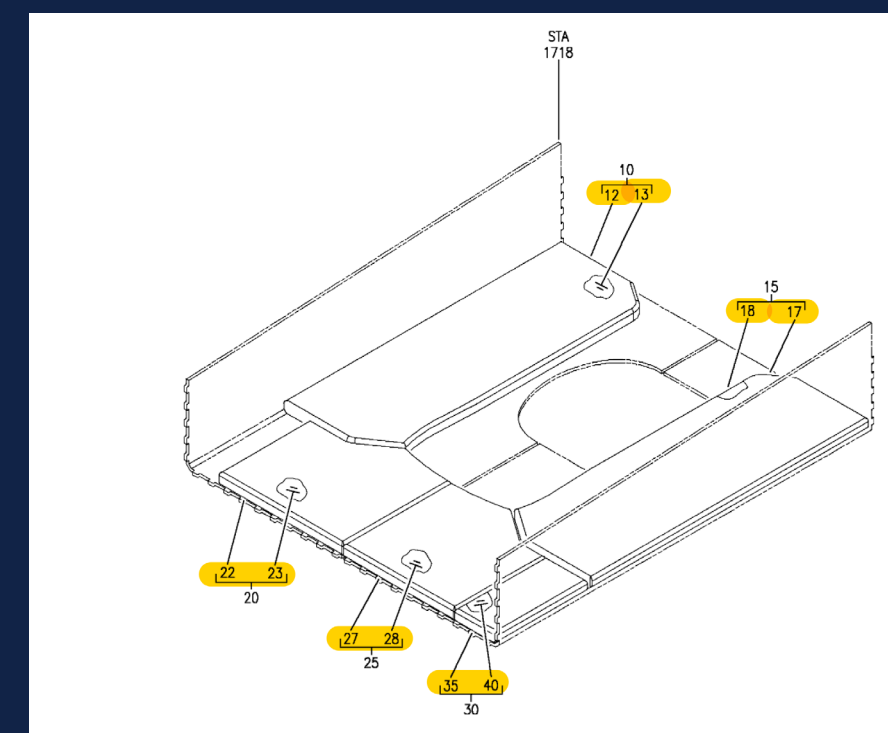
B Mattress instl-ovhd flight attendant rest bunk aft

C Mattress and pad instl-ovhd flight attendant rest bunk fwd

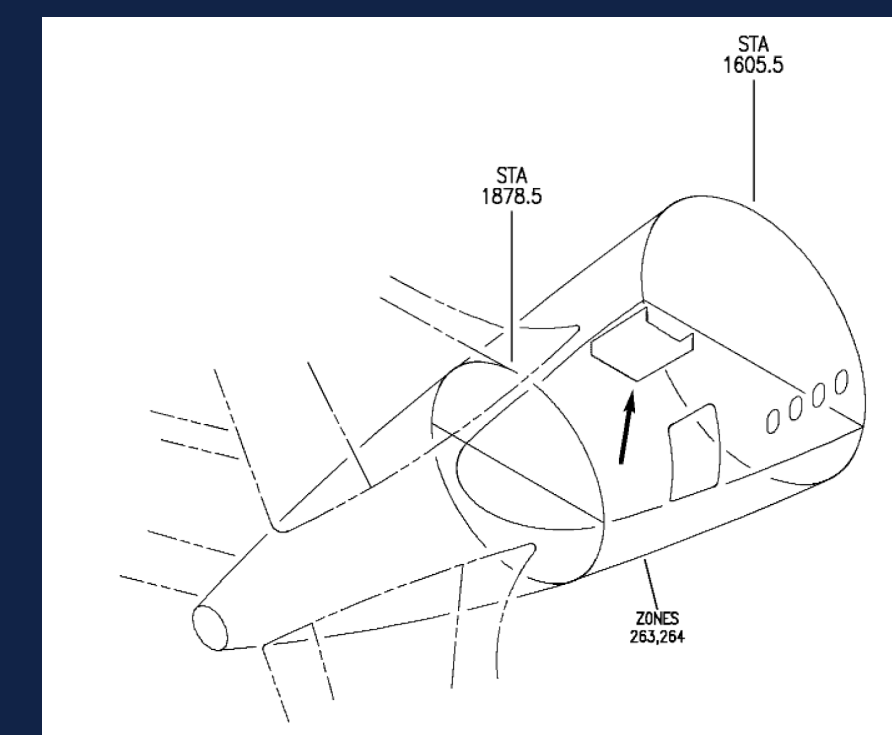
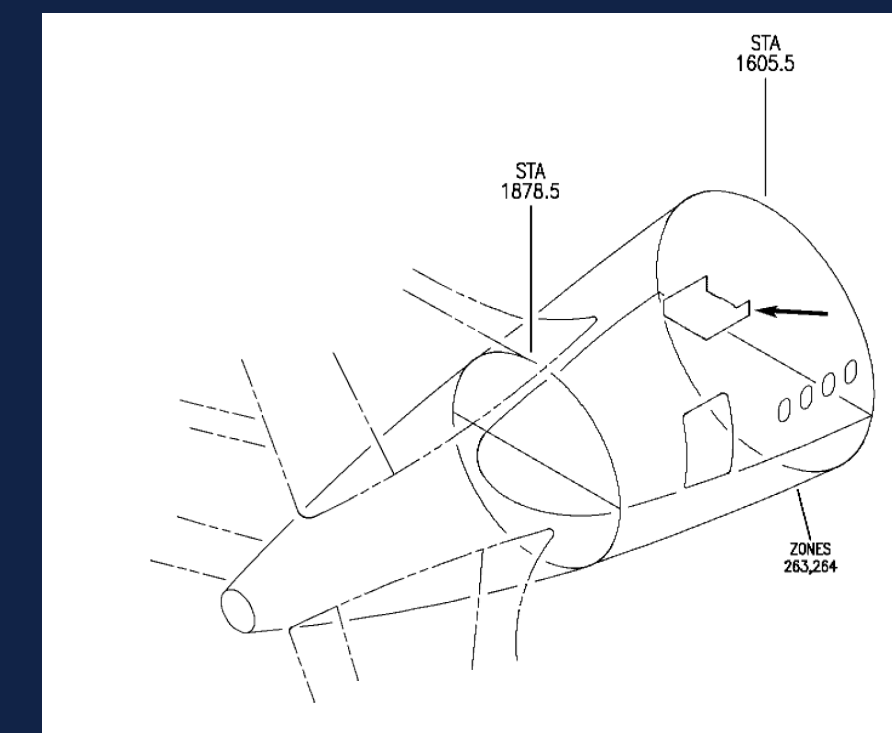
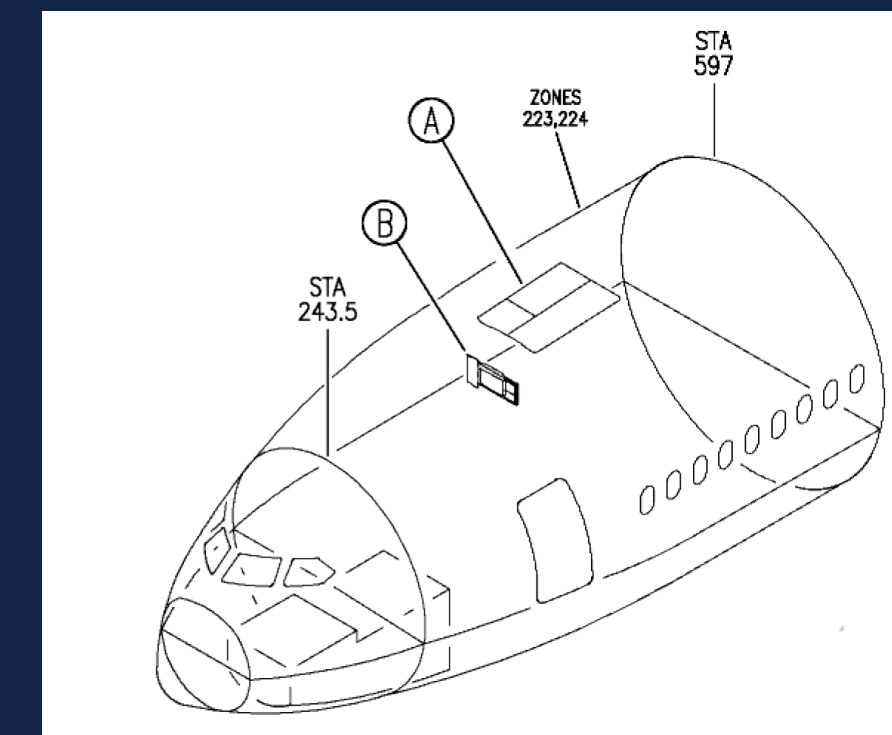
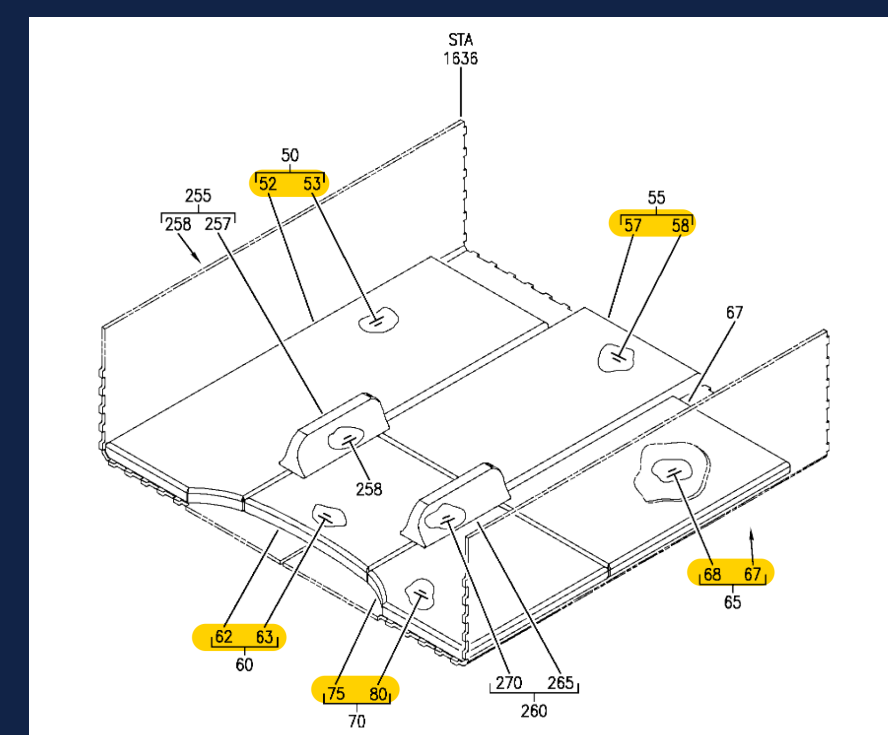
A



B



C





MAIN ADVANTAGE

- ☑ On average our proprietary mattress is more cost efficient as compared to other existing mattresses currently on board.
- ☑ In collaboration with Manifattura Testori, we now offer 100% Recycled and Recyclable mattress covers that meet regulatory and industry standards.
- ☑ The lightweight option can approximately save 5kg per aircraft thus making an overall saving to the airline and better for the environment.
- ☑ The mattress uses less material compared to existing options, with higher breathability and constant airflow. This makes for more comfort and a lower overall temperature for sleeping.
- ☑ Cabinair Group offers the first year of dry cleaning support to all customer free of charge. Supported by the UK and USA.
- ☑ The Mattress Assy is assembled 100% in Europe (possibility to expand the production in USA, thanks to our subsidiary in USA).
- ☑ Possibility to apply anti bed bugs treatment, which guarantee 99% efficacy.
- ☑ Fabric cover can be made water repellent in order to reduce the risk of stain.
- ☑ Cabinair Group offers free of charge support in recycling the sets of mattresses removed from A/Cs in operations, in case of a retrofit opportunity.





THE OCTASPRING TECHNOLOGY



Aerospace technology

Recognised as the best new comfort innovation in aerospace.



50% more eco-friendly

Each Octaspring uses 50% less raw materials, and leaves 50% less eco-footprint vs foam cushions



Smart value

Octaspring technology uses 50% less material in production of every spring, these savings allow us to deliver smart value for our sleep collection.



Proven faster, deeper, longer sleep

An independent sleep study showed that you will fall asleep faster, sleep longer on Octaspring technology



Naturally 8X more breathable

Octaspring is naturally 8x more breathable, which makes sleeping on OCTAsmart 3°C cooler.



8X better pressure relief

Individually placed Octaspring springs offer up to 8X better pressure distribution vs standard foam.



Unique zoned support

Different firmness zones are cleverly designed with your body in mind. Another unique benefit of Octaspring



Mass customisation

Octaspring technology offers limitless possibilities for customisation.



NEW ECO-QUALITY AVAILABLE

Thanks to the collaboration with Manifattura Testori, all mattresses covers and fire protection layer will be produced with Recycled polyester or wool yarn.

Polyester Covers eco-advantage

- ✓ 60% Energy saving in production
- ✓ 45% Lower CO2 emission in production
- ✓ 90% Water Saving in production

Wool Covers eco-advantage

- ✓ 47% Energy saving in production
- ✓ 47% Lower CO2 emission in production
- ✓ 61% Water Saving in production

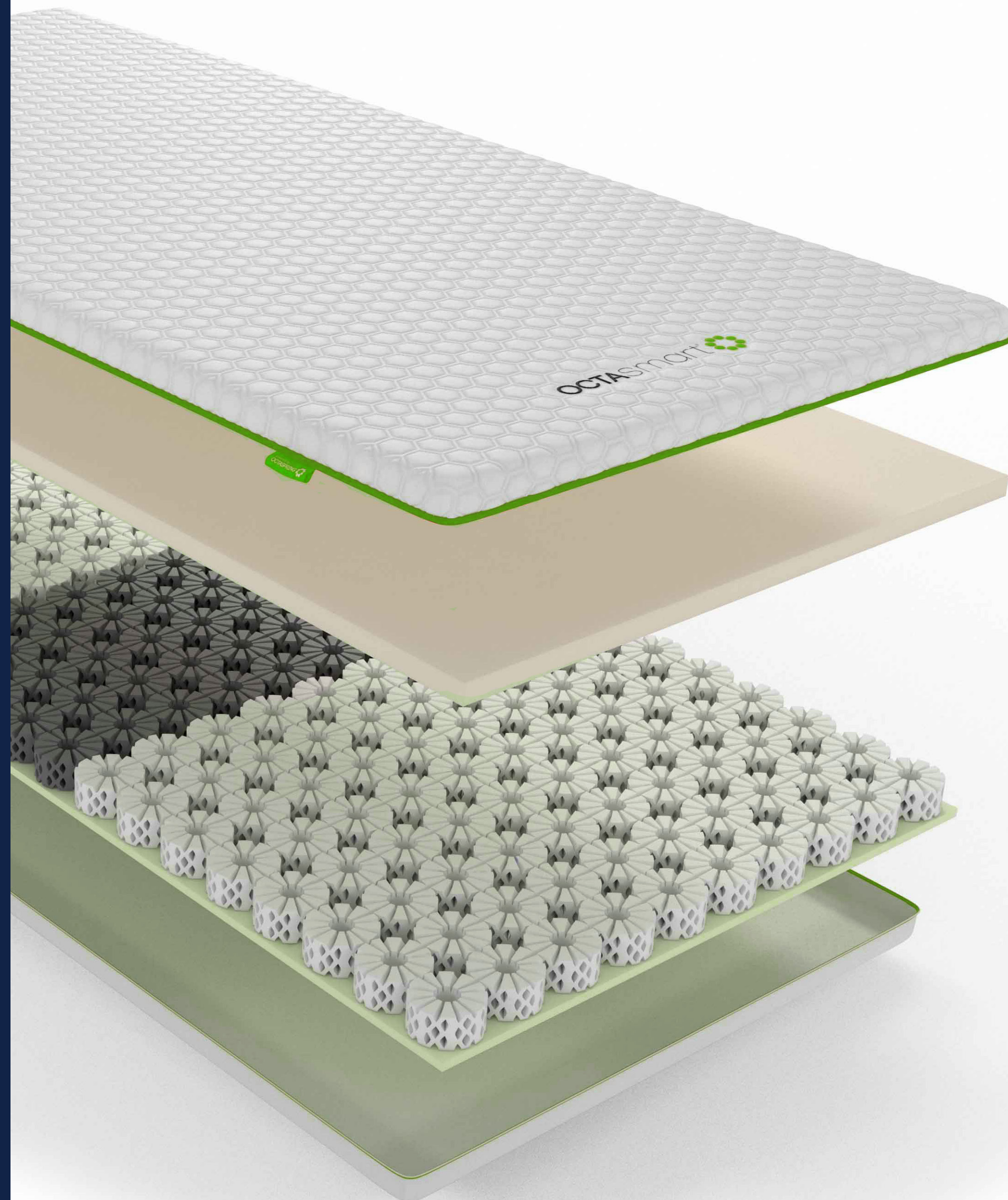
Testori

Tessuti made in Italy dal 1904.





THE OCTASPRING TECHNOLOGY



✔ SMART COMFORT

Powered by multi-award winning Octaspring technology, our topper delivers 3-dimensional support, through the ability to perfectly adapt to every inch of your body, cradling it and providing a new level of comfort.

✔ ERGONOMIC ZONING

The 3 smart body zones help create better support for your back, with more support created for your hips and shoulders which allows your spine to comfortably take its natural shape.

✔ 30% LIGHTER

As we use up to 50% less material in production of every Octaspring spring. Our Octaspring technology is lighter - creating less CO₂, when manufacturing our cabin crew mattresses. We can achieve up to 150g weight saving per mattress

✔ NATURALLY 8X MORE BREATHABLE

Our patented OCTAvent air system makes your cabin crew mattress naturally 8x more breathable, which cools your bed temperature by 3°C. It provides a constant airflow – body movements push warm, humid air out of the specially designed sides of the Octaspring springs, drawing fresh air back in.





GREENER MOBILITY



The OCTAspring mattress line is a smart choice for both your sleep and the planet. Using 50% less material, our mattresses are not only more comfortable and customizable, but also eco-friendlier.

By making each mattress, we save 54 kg of CO₂, reducing our carbon footprint and helping to preserve our planet for future generations. So rest easy and feel good about your purchase.

Don't settle for an average mattress - upgrade to an Octaspring Mattress and experience the ultimate in comfort and support. You deserve the best, and we're here to give it to you.

50% LESS FOAM WITH EVERY OCTASPRING® WE PRODUCE

54KG LESS CO₂ EMISSIONS

6KG HELPING REDUCE EMISSIONS ON THE GO

480M KG CO₂ SAVED BY USING OCTASPRING® TECH IN SLEEP PRODUCTS TO DATE





GREENER MOBILITY



ECONOMY CLASS



BUSINESS CLASS



FIRST CLASS



CABIN CREW MATTRESS

31% LESS RAW MATERIAL

We use 50% less material in the production of every Octaspring spring, which results in up to 31% less raw material used in every seat cushion.

LOWER WEIGHT

Weight savings of up to 150g in Economy and up to 800g in Business Class seats can result in up to 32 tons of weight savings per plane per year.

-14,825L FUEL CONSUMPTION

Our calculations have found that weight savings through Octaspring technology can reduce fuel consumption by up to 14,825L per aircraft per year

46T LOWER CO₂ EMISSIONS

Weight savings created by Octaspring technology have the potential to deliver 46tons lower CO₂ emissions per plane per year.





AWARD WINNING AEROSPACE TECHNOLOGY

AEROSPACE AWARDS

In 2017 Octaspring, in association with Airbus, Stelia Aerospace and Boxmark won the Crystal Cabin Award, the highest award for aircraft interior innovation. This was quickly followed by The Apex Awards, Best Passenger Comfort Innovation recognising the best innovations in passenger experience.

DESIGN & CONSUMER AWARDS

Octaspring technology has won many awards for design and technology. The IF Technology award is the seal of approval for excellence and quality. Designpreis Deutschland identifies unique design trends and the Interior Innovation Awards honour products with iconic design





DEVELOPED IN PARTNERSHIP WITH VANEMA

With a vision to revolutionise aerospace comfort worldwide, Cabinair Group is committed to reimagining the next generation of onboard comfort solutions, with the retrofit aviation market as a top priority in enhancing economy seats across both new and existing aircraft.

In collaboration with Vanema, the creators of the award-winning Octaspring® aerospace technology, we are introducing a breakthrough solution designed to transform the nature of cabin refurbishments. Together, our engineers have developed a flexible design that delivers dynamic support, is easily adaptable to a wide range of seat models, and embodies sustainability at its core.

Octaspring® technology, already synonymous with sustainable innovation, reduces raw material usage by 50%, resulting in seats that are 30% lighter than conventional alternatives. This translates into significant benefits for airlines: every retrofitted Octaspring® seat contributes to overall weight reduction, lowering fuel consumption and saving up to US\$5,000 per aircraft per year on long-haul routes, while cutting CO₂ emissions by up to 46 tonnes annually.

With aircraft undergoing refurbishments every 5–8 years, Cabinair Group's retrofit solutions provide airlines with an affordable, future-proof upgrade. The Octaspring® open spring structure not only delivers superior contouring comfort but also improves air ventilation, offering 8x greater breathability and 3-dimensional, body-adaptive support that adjusts to each passenger's unique shape and weight.

This innovative comfort solution has already achieved the required flammability approvals. Thanks to our in-house EASA Part 21J and Part 21G capabilities, Cabinair Group can provide airlines with the complete package, from design and certification to production and installation, bringing sustainable comfort to the global retrofit market.

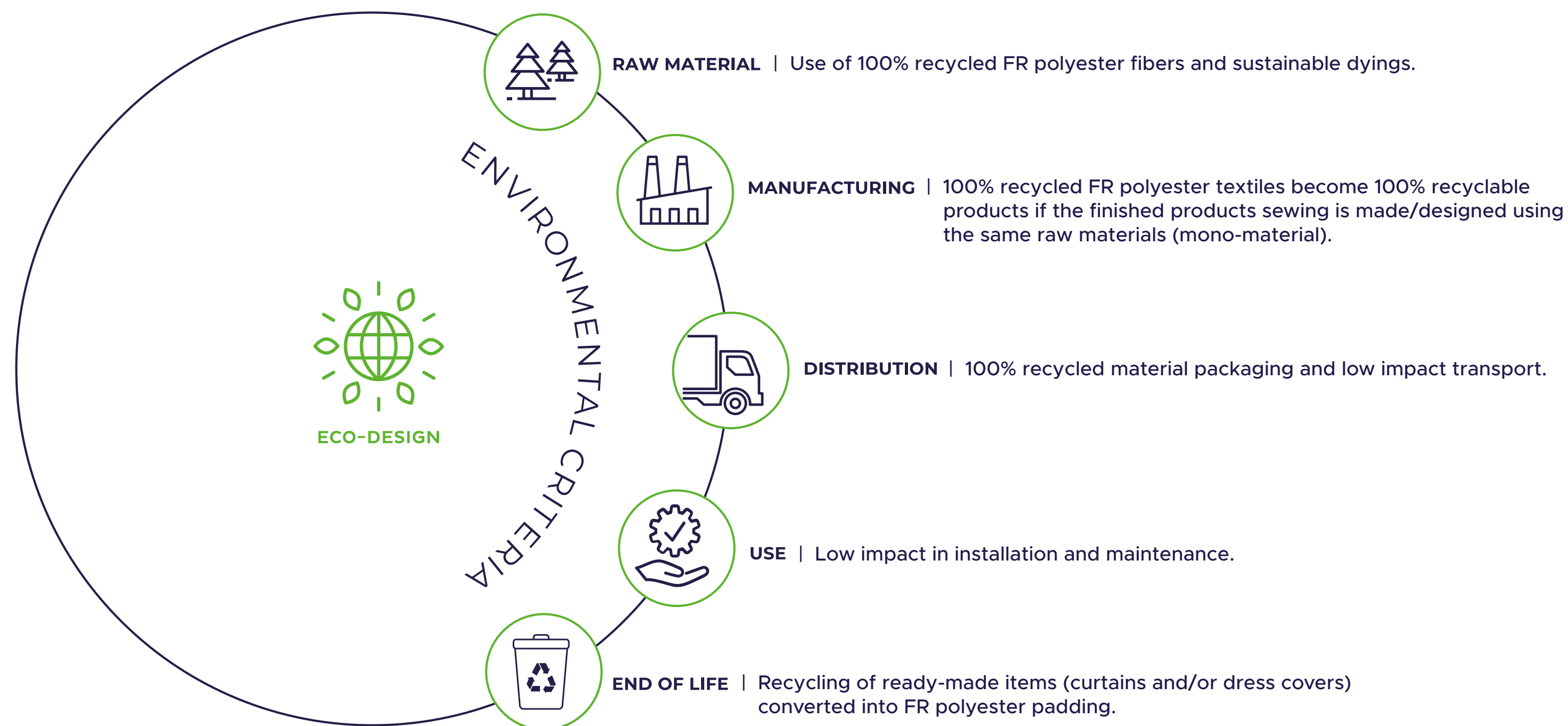




DEVELOPED IN PARTNERSHIP WITH MANIFATTURA TESTORI

Founded in 1904 near Milan, Manifattura Testori has brought to life many ambitious and important projects, taking Italian taste and craftsmanship around the world right from the beginning of the 20th century. In the historical site of Novate Milanese, still today the operating headquarter of the Company, in the first decades of the past century, production concentrated on fabrics for interior furnishings and, later, on those for railways and cruise ships. Then, between the 1950s and 1960s, Testori began working also with the aviation sector, firstly with Air France and Alitalia and later with the other world leading airlines.

Manifattura Testori cooperates with the Supply chain aiming to build an “Industry Partnership” following the principles of Eco-Design:



CABINAIR
GROUP

Testori
Tessuti made in Italy dal 1904.





Mirko Giacobelli
Commercial Director

Aerospace Interiors Centre, Blackhorse Road,
Letchworth, Herts, SG6 1HB, UK

mirko@cabinairgroup.com

M: +44 7796 694499

www.cabinairgroup.com

