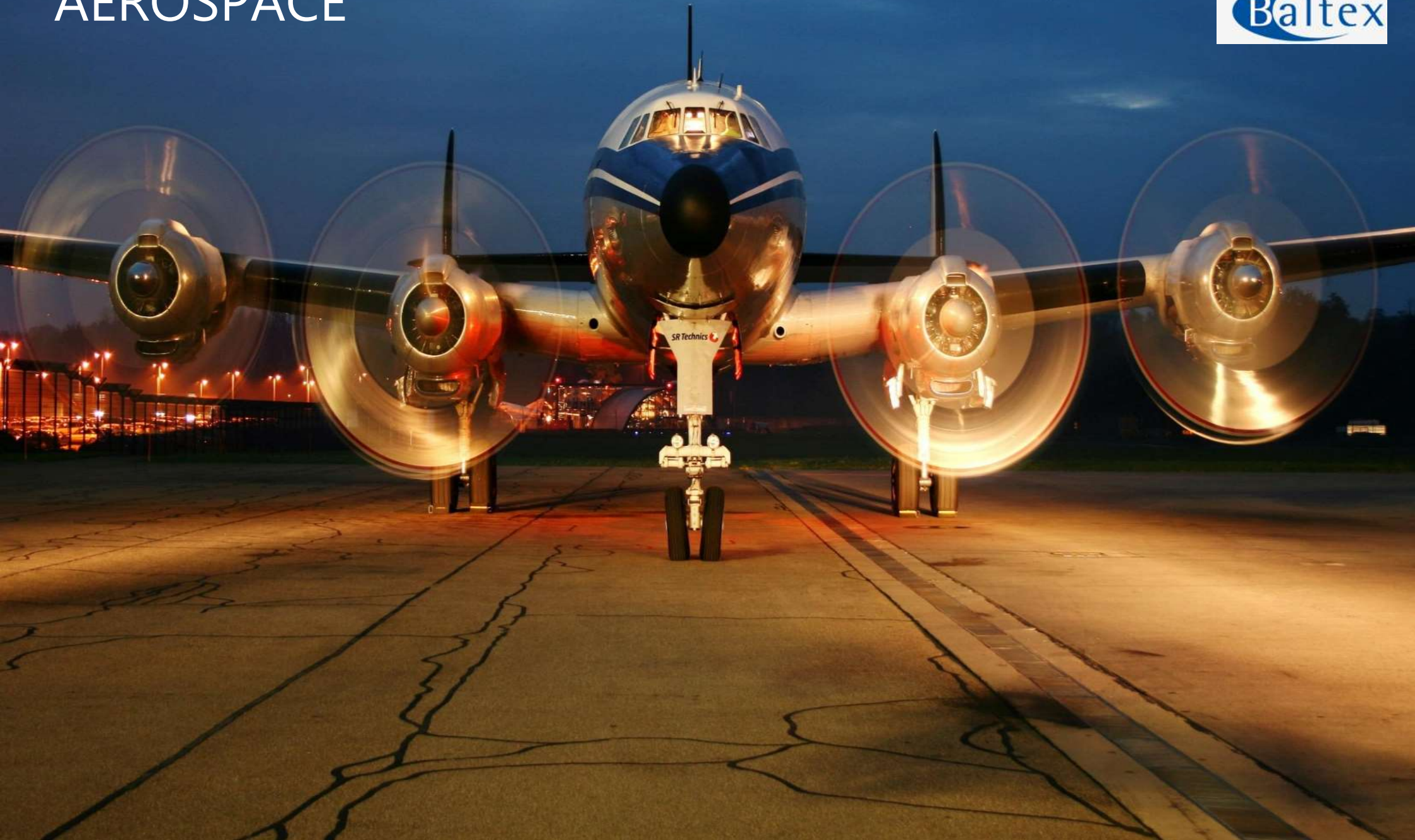


AEROSPACE





## Product overview

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## HIGH PERFORMANCE AEROSPACE TEXTILES

**B**altex designs and manufactures a wide range of high performing Aerospace Textiles, with manufacturing, research and development facilities in both the UK and Poland. Baltex also has a close working relationship with the University of Bolton in the UK, a world leader in the development of Technical Textiles.

Since the foundation of the company in 1831, innovation has been at the heart of our business. In 2010 the company won the TI World Conference prize for innovation. The company has won two Queen's Awards for International Trade. With more than 190 years of experience, Baltex is shaping the future of technical textiles.

Baltex is an approved supplier to many key suppliers in the Aerospace industry and offers a wide range of warp-knitted and weft-knitted technical textiles for various applications. For the Aerospace market we manufacture a range of mesh and tricot fabrics for aircraft seal reinforcement and can supply these ranges in customised colours and primed for increased adhesion. We also manufacture a wide range of mesh fabrics that can be knitted from inherently flame retardant yarns. We hold Boeing and Airbus approvals for our fabrics.



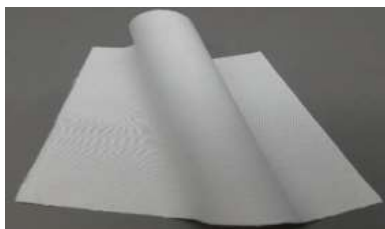
**2980**  
Warp Knit Polyester  
Weight: 116-136g/m<sup>2</sup>  
Width: MIN 187cm



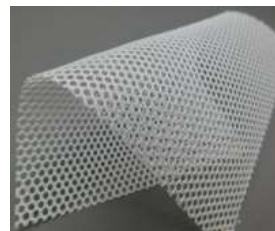
**4472**  
Polyester Mesh  
Weight: 175-205g/m<sup>2</sup>  
Width: MIN 120-122cm



**4111**  
Polyester Mesh  
Weight: 130-150g/m<sup>2</sup>  
Width: 108-110cm



**6070**  
Low Friction Polyester  
Weight: 183-223g/m<sup>2</sup>  
Width: 115-120cm



**7081**  
Polyester Mesh  
Weight: 130-140g/m<sup>2</sup>  
Width: 140-143cm



**8330**  
Meta-Aramid Mesh  
Weight: 100-106g/m<sup>2</sup>  
Width: 198-203cm

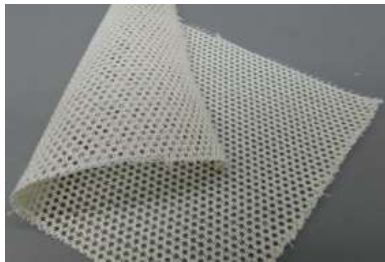


## OUR CAPABILITIES

Here are some of the fibres we work with: Meta-aramid, Flame retardant Polyester, High Tenacity Polyester, Technora GTN and Polyamide. But we are interested in working on new development projects, any customer enquiry will be taken into consideration.

Some of the technical treatments we can produce: Priming solutions for Fluorosilicones (water based), Anti-curl finish, Gummed edges.

We have full testing facilities in our Laboratory. Our approval to ISO 9000:2001 by Lloyds Register Quality Assurance has been part of our continuing drive to improve both the quality of our products and the level of customer service. We are approved for the supply of all warp-knitted and weft-knitted fabrics.



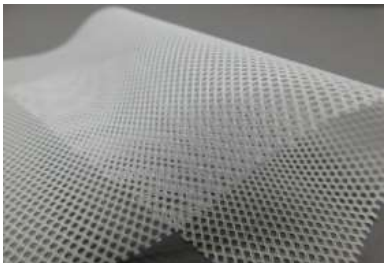
**8730**  
Meta Aramid Mesh  
Weight: 105-115g/m<sup>2</sup>  
Width: 220-225cm



**7730**  
Meta Aramid Mesh  
Weight: 115-130g/m<sup>2</sup>  
Width: 115-120cm



**5300**  
Aramid Mesh  
Weight: 140g/m<sup>2</sup>  
Width: 100cm



**8900**  
Polyester Mesh  
Weight: 51-60g/m<sup>2</sup>  
Width: 122-128cm



**6580**  
Polyester Mesh  
Weight: 189-229g/m<sup>2</sup>  
Width: MIN 92cm



**7050**  
Polyester Mesh  
Weight: 55-60g/m<sup>2</sup>  
Width: 180-192cm





## RUBBER REINFORCEMENT

**B**altex is the leading producer of knitted fabrics for rubber reinforcement in Europe. With over 30 years of experience in this field, we have a wide range of fabrics for hose, diaphragm and seals. We principally produce fabrics in Polyester, Meta-Aramid and Polyamide.

Thanks to our fabrics, the aerospace hoses are stronger, more durable, perform better and can resist to a wide range of temperature variations. We have many years of experience in developing fabrics that suit the needs of the aerospace industry.

## SEATING/PANELLING

**B**altex is a leading producer of 3D Spacer Fabrics. Over the past 10 years we have developed a range of 3 dimensional warp and weft knitted Spacer Fabrics with thicknesses varying from 3mm to 20mm. Meta-aramid spacer fabrics conform to UL94 VTM thin burning test to V0 standard.

Spacers are used as replacement of foam and neoprene products. They are perfectly suitable for seating applications, as they offer many advantages. They provide compression comfort and airflow, and they offer, among others, breathability and pressure redistribution.



**7640**  
Light Weight Polyester  
Weight: 75-85g/m2  
Width: MIN 150cm



**8660**  
Polyester FR Spacer  
Weight: 310-360g/m2  
Width: 170-180cm  
Thickness: 2.5-3.5 mm



**M3605**  
Polyester Spacer  
Weight: 750-900g/m2  
Width: 160-165cm  
Thickness: MIN 6.5mm



**7412**  
Polyester Spacer  
Weight: 390-480g/m2  
Width: 155-160cm  
Thickness: 4.5-6mm



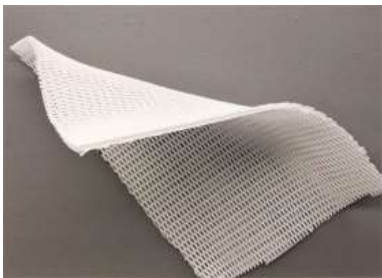
**8220**  
Nomex Stretch Jersey  
Weight: 210-250g/m2  
Width: 150-160cm



**8270**  
Meta-Aramid Spacer  
Weight: 520-580g/m2  
Width: 160-170cm



## MOST RECENT DEVELOPMENTS



**NPD 236**

Double mesh spacer

Weight: 200-250g/m<sup>2</sup>  
Width: 185-200cm  
Thickness: 2.75mm



**NPD 75**

Polyester Spacer

Weight: 280-310g/m<sup>2</sup>  
Width: 195-200cm  
Thickness: 2-3mm



**NPD CD 337**

Power Net

Weight: 262-270g/m<sup>2</sup>  
Width: 160-166cm



**NPD 316**

Aramid Spacer

Weight: 200-300g/m<sup>2</sup>  
Width: 170-180cm  
Thickness: 3-3.5mm



**NPD 323**

3d Spacer  
Coolmax Fresh

Weight: 380-450g/m<sup>2</sup>  
Width: 175-185cm



**NPD 228**

Polyester Mesh

Weight: 210-250g/m<sup>2</sup>  
Width: 150-160cm



# We are here for you

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