



Stewart Milligan

Head of R&D Material Development @ PANGAIA | Sustainable Textiles

London, UK

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Languages

English (Fluent)

About

As the Head of R&D Material Development at PANGAIA, a global lifestyle brand that creates sustainable and innovative products, I lead the early stage research and development of new polymers, fibres, yarns, fabrics, finishes, and processes. For three years, I have been exploring, experimenting with, and developing new sustainable textile solutions that are aligned with the company's vision and values.

I have more than 20 years of experience in material science and textile technology, with extensive knowledge of emerging new sustainable textile solutions across the entire supply chain.

I have a BSc. in Textile Technology from The Scottish College of Textiles (Heriot Watt University), and I am an expert in knitted fabric and garment development, fit and grading, particularly of stretch and knitted garments.

I have also been responsible for developing and delivering to market, multiple ground-breaking and patented innovations, in collaboration with internal and external teams.

I am passionate about creating positive impact through sustainability and innovation in the textile industry.

BRANDS WORKED WITH

- PANGAIA
- Marks and Spencer
- Sara Lee Courtaulds

Experience



● Head Of R&D Material Development

PANGAIA | May 2021 - Apr 2024

Leading the textile research and development team focused on exploration, experimentation, and development of sustainable solutions aligned with the company's vision and values



● Fabric Technologist, Sleepwear, Activewear, Swimwear

Marks and Spencer | Oct 2015 - Oct 2020

Technical management of the category including researching and delivering the innovation strategy every season, developing sustainability strategies to meet business goals, and all new fabric developments from ideation to approval



● Innovation Technologist, Lingerie

Marks and Spencer | Jun 2010 - Apr 2019

Designed, implemented and managed an innovation delivery process for the M&S Lingerie group, continuously gathering global innovation trends in fabrics, trims, finishes and garment construction.



● Product Technologist, Tights and Socks

Marks and Spencer | Feb 2002 - Oct 2020

Full technical responsibility for the category, including innovation, sustainability and commercial strategy development, and all new product developments from initial technical briefs, through sampling and fits, to final seal approvals

● Technical Manager, Hosiery (Aristoc)

Sara Lee Courtaulds | May 1999 - Feb 2002

Technical management of the M&S and Aristoc brand accounts

- **Production Manager, Knitting (Aristoc)**

Sara Lee Courtaulds | Sep 1997 - May 1999

- **Assistant Technical Manager, Coated fabrics (Penn Nyla)**

Sara Lee Courtaulds | Aug 1994 - Sep 1997

Education & Training

1989 - 1994 ● **The Scottish College of Textiles, Heriot Watt University**

BSc. (Hons),