



Toray Textiles Europe Ltd



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Press Release
May 11

Textile manufacturer Toray Textiles Europe Ltd launches innovative range of heat and flame resistant fabrics

Toray Textiles Europe Ltd, a world leader in textile manufacturing has launched a revolutionary range of heat and flame resistant fabrics ThermGuard™ High Visibility and ThermGuard™ Molten Repel. These innovative fabrics, with international patents pending, are designed to protect industrial workers exposed to thermal hazards, low visibility, electric arcs and molten metal splashes. These new inventions have been developed in collaboration with customers, laundries and end users and specifically those working in utilities, rail, chemical and petrochemical, airports, foundries and heavy industry to ensure outstanding quality and comfort is coupled with enhanced performance.

ThermGuard™ High Visibility can be supplied in any EN 471 high visibility colour including GO/RT 3279. The fabric conforms to industry standards and in particular ISO 11612: 2008 for clothing that protects against heat and flame, EN 471 GO/RT 3279 high visibility work wear and EN 61482-1-1: 2009 protection against the thermal hazards of an electric arc with an open arc rating of $>8\text{cal/cm}^2$. The fabric is breathable, comfortable to wear and stable to industrial washing whilst retaining excellent light, colour and wash fastness. ThermGuard™ High Visibility has been developed specifically for those working in Industries such as utilities, rail, chemical and petrochemical and airports.

ThermGuard™ Molten Repel is a unique high performance durable fabric that protects against large and small molten metal splashes developed for those working in foundries and heavy industrial manufacturing plants where the processes of smelting, casting, welding, cutting and grinding are common. Because of the combined technology of Teflon® and meta aramid the fabric provides 'non-stick' and heat and flame resistance properties, molten metal splashes are simply repelled from the surface rather than sticking, providing exceptional levels of 'shedding' and

durability. Molten metal splashes can stick to the surface of several types of protective garments and conduct heat through the fabric that can lead to serious burn injuries and/or ignition of the garment. However, this brand new innovative technology provides excellent shedding of molten metals and is comfortable to wear and durable, retaining its properties for over 50 washes whilst continuing to achieve ISO 11612: D3 and E3.

Mike Fisher, Associate Director Technical Textiles at Toray Textiles Europe Ltd explains “we are renowned world wide for our technical expertise and we have dedicated time and listened to our customers to produce these two new innovative textiles that offer quality and performance far exceeding other fabrics currently available. From our fully integrated weaving & dyeing manufacturing plant in the UK we offer our customers quick response and the benefits of a bespoke sampling service to facilitate targeted developments”.

For more information on Toray Textiles Europe Limited or the new Thermguard™ fabrics please contact sales@ttel.co.uk or visit <http://www.ttel.co.uk>

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Notes to editors

Boiler Plate

Toray Textiles Europe Limited, a wholly owned subsidiary of Toray Industries Inc., is a manufacturer of technical textiles and the largest manufacturer of woven polyester and nylon fabrics in Europe. The organisation is committed to fulfilling the global requirements of customers, employers and shareholders, by adding value and excellence through innovation, quality and service in textile related products, whilst upholding its social responsibility to health, safety and the environment

With a purpose built manufacturing plant in the UK, Toray Textiles Europe Limited can offer short lead times and quick response with full colour matching and a sampling service to facilitate targeted development.

www.ttel.co.uk

Photo Caption: [caption]

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