

# its fibretec

A continually evolving range of coatings and adhesive systems specially formulated for the textile market.

Itac has been successfully developing adhesives and non adhesive coatings in Manchester, the birthplace of the world textile trade, for over 100 years.

As the market has become wider and more sophisticated, our knowledge of process variables and application techniques has increased. Today we are able to understand and create formulae for a huge range of substrates and textiles to match specific performance criteria.

Our extensive knowledge of fabrics and textile manufacturing techniques allow us to design and create products which complement and enhance the production process.

**its fibretec** is a range of adhesives and coatings which can imbue specialist and hi-tech textile products with key functional properties. By our precise formulation of polymers and active ingredients, a high resistance to many elements is achieved. **its fibretec** can help protect against - hydrolysis or chemical attack, anti-fray or abrasion, U.V., gas or temperature degradation.

Itac is engaged in strategic technical partnerships with leading chemical manufacturers. This provides us with a continuous insight and awareness of market relevant developments and innovations.



We can quickly and efficiently link our customers' requirements with a chemical solution, which will perform effectively within their process.

**its fibretherm** is part of our **its fibretec** range. It is a special adhesive system which was first produced for use in electric blanket manufacture - a market which continues to grow in China and other areas of the far east today.

**its fibretherm U.V.** is visible when viewed under U.V. light, enabling the operator to see clearly any overspray which may have occurred, providing improved production efficiency and enhanced quality control.



# ITS fibretec

Brand Name	Description	Usage	Key Features	Key Benefits
<b>ITS fibretec</b> <b>CP</b>	PU Natural Rubber Acrylic Silicone One & Two component	Protective Apparel Mattress - bedding	Hydrolysis resistant Flexible UV resistant Anti fray	Washable / durable Tapeable Colour fast Reduces waste through pattern cutting process
<b>ITS fibretec</b> <b>AP</b>	Solvent-borne One & Two component Heat Cure	Life Saving equipment	Water resistant UV Resistant Flexible	Waterproof Light fast Design friendly
<b>ITS fibretec</b> <b>IN</b>	Neoprene Viton Nitrile  Silicone	Engineered elastometric Fabrics for Seals/ Gaskets Printing blankets,  Architectural coatings Airbags etc..	Chemical resistant Gas resistant Abrasion resistant  Flexible	Suitable for use in demanding industrial applications   Facilitate fabrication to unusual shapes
<b>ITS fibretherm</b> <b>UV</b>	PU Two component Sprayable	Multi purpose textile lamination - furniture, blankets,	Moisture resistant Flexible Non flammable BEAB Approved Quick grab	Washable Soft handle to irregular surfaces Reduced fire hazard in use Suitable for use in electrical applications Fast production

Full technical and safety data sheets plus samples are available upon request.

Ancillary products such as matting agents and pigment master batches compatible with the **ITS fibretec** range are also available.

## Need a new or innovative adhesive?

Our **ITS**-intelligent technical solutions service gives you the opportunity to benefit from our unique knowledge and skills base by having a bespoke adhesive designed and formulated especially for your need.



**ITS** - intelligent technical solutions from **itac** adhesives

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