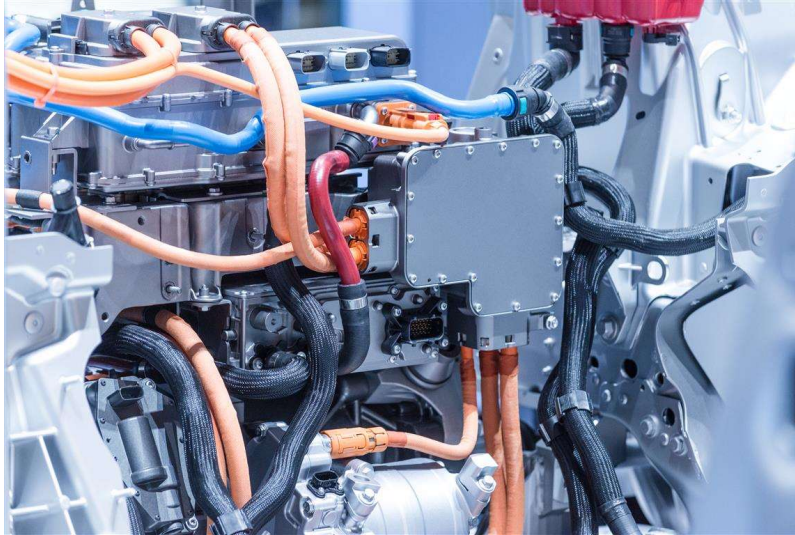




## Superior cable protection solutions



### **FITCO nv ([www.fitco.be](http://www.fitco.be)) customised woven technical fabrics: a fluid, interactive design process in partnership with our customers**

With 30 years' experience in the industry, our team of experts in extrusion, spinning and weaving of yarns manufacture high quality, woven fabric sleeves to protect electrical wiring, cables, hoses, and insulation pipes.

We work with our customers in a diverse range of sectors including automotive, electronics, electric and off-road vehicles, agricultural, construction and industrial machinery.

### **Protective sleeving products**

Our **PROTEC WRAP-FR**, originally developed for the automotive market, is a protective, flame-retardant, side-entry woven fabric sleeve with high memory to protect against damage from vibration, friction, and abrasion. Flexible, self-wrapping, with a temperature range of -50°C to 150°C and a diameter range of 5mm to 40mm, it can be retrofitted.

**PROTEC WRAP** manufactured in a non-FR fabric is available on request for applications that do not require a flame-retardant solution.

## **Turning a conversation into a product**

Our dynamic and flexible approach enables us to innovate with our customers to meet their specific needs. While our standard off-the-shelf, woven sleeving products are suitable in many situations, we can turn a customer's initial request or challenge into a customised solution for them.

Our customers can be confident that the product will add value and differentiate them from their competitors. It may be as simple as a colour change, an extra identification or tracer mark, branding or a change in the weave density to create the feel or strength that their application requires.

We are also meeting an increased demand from customers for orange-coloured sleeving products to protect high-voltage cables for battery applications in the fast-growing electric vehicle market.

Working in partnership puts our customers at the centre of our ongoing R&D, which is critical to our ethos of innovation, collaboration, and technical expertise.

## **Optimising the product**

Our in-house weaving experts can alter the warp (lengthwise yarn) and weft (cross yarn) weaving construction to dramatically change the strength, flexibility, durability, and fabric thickness of the end product to solve a customer's specific challenge. It may involve using a thinner or thicker yarn, increasing or reducing tension.

This lets us tweak a product and optimise it for a customer's specific application. Where abrasion is likely to damage underlying wires and cables, for example, we can change the weaving process to create a higher-density protection product to withstand the abrasion.

## **Harsh environments**

A high-volume manufacturer with in-depth market knowledge, we help our customers to solve demanding challenges they face in harsh environments. These can encompass temperature variations, oil and dust contamination, while our impact-resistant (absorbing) protective sleeving is designed to protect against damage from vibration, friction and abrasion.

We can help customers head off potential problems, too, by supplying protective sleeving that enables them to monitor if wiring, cables, hoses or pipes are being compromised.

## **Traceability and quality assurance**

Traceability of materials is critical for product compliance and our customers often need to know that the original materials in our products are flame retardant according to the end customer's specification.

We also monitor every stage of our manufacturing process from sourcing materials to delivery of the end product as part of our commitment to quality assurance and customer satisfaction. Every member of our team plays an important role in our customer-focused product development, sales, and service delivery.

*TRG Sales Solutions Ltd specialises in providing technical solutions for harsh environments in the electronics sector. TRG Sales Solutions Ltd is the fully authorised representative for FITCO nv ([www.fitco.be](http://www.fitco.be))*

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