

Title : **Resistex yarn to advance sportswear market**

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Steel, carbon, copper, silver and bioceramic: these noble elements are the heart of Resistex, a range of technical innovative yarns produced by Tecnofilati, a company belonging to Gruppo Tessile Abati. This range can offer great value and has been able to emerge on the international advanced textile market since its production began.

Since 1995, Tecnofilati has been well-known for its production of yarns with a highly technological content mainly for protective and comfortable clothes, sportswear and clothes for accident prevention. All yarns are produced in a facility located in Medolago, Italy, and are the excellent results of the tests and research works carried out by Tecnofilati on science and sports.

These results have always a point of departure for its work and not just a point of arrival. Tecnofilati continues on its way and aims at reaching high level of specialization. The company is firmly committed to technological innovation.

The creation of the Resistex product range featuring:

**Resistex Carbon:** the first yarn consisting of a continuous thread made of a conductive material based on active carbon and polyester fibres. It has a positive impact on the muscle performance thanks to its effect on the body temperature, breathing, heart rate and lactic acid concentration.

**Resistex Silver:** a thread containing a layer of pure silver featuring extraordinary thermoregulatory properties. It can be used for industrial and medical clothing, bedclothes, sportswear and leisure clothes when combined with traditional textile fibres as cotton, polyester and nylon.

**Resistex Inox:** this yarn is obtained by covering thin threads of AISI 316L stainless steel with textile fibres that make the fabric antistatic and able to shield people from electromagnetic fields.

**Resistex Ego:** resistance from the core Innovative solutions which simplify the production process, from the manufacturing of textiles to clothes making

**Resistex Bioceramic:** Tecnofilati labs perfected the innovative Bioceramic technology that was designed to cope with environmental changes and their effect on health.