What are you looking for?

**ELECTRIC CONDUCTIVITY**

**HIGH MODULUS YARN**

**MAGNETIC SHIELDING**

**CHEMICAL STABILITY**

**FLAME RESISTANCE**

**SPECIFIC BLEND**

**CUT PROOF**

**MATERIALS**

- Stainless steel fibres (316, 304, ...)
  - Diameter: 8, 12, 22μm
  - 100% or blended with other fibres: Polyster, aramids (para and meta), polypropylene... etc.

- Metallic filaments (mono and multi)
  - Monofilaments (50, 90, 100, 150μm...)
  - Enamed filaments (colored, conductive...)
  - Multifilaments (flat or twisted)
  - Copper, silver, steels, memory alloys...etc.

- Thermostable and high resistance fibres
  - Aramids (Twaron, Kevlar, Kermel, Zylon, Technora...)
  - PPHT (High Tenacity Polypropylene)
  - HMPE (High Modulus Polyethylene)
  - Preoxidized acrylic
  - Modacrylic (Kanecaron®)

- Specific yarns developments
  - in partnership with fibres manufacturers
    - Vectran® (cut resistance, temperature variation resistance...)
    - IMATFire® (fire proof, neither melts, nor flows, nor smokes...)
    - PTFE Profilen® (fire proof, chemical and abrasive resistance...)

- Other technical fibres and blends
  - Soluble yarn (PVA), glass fibres, photo luminescent yarns, metallic fibres (copper, aluminium...etc)
  - Reflective fibres

**KNOW HOW**

- Production, Research & Development of technical fibers and yarns for innovative textile solutions.
- Stretch breaking, cutting, blending, twisting, covering, compounds, insertion, winding, dyeing, finishing, washing on bobbins.
- Specific developments of various textile products: Ropes, cables, cords, knitted and woven fabrics, nonwovens... etc.
- Applications: Transports, Defence, Industries, Smart textiles, Heating textiles, Filtration, Protection, Aerospace... etc.

**PRODUCTION & DEVELOPMENT**

- Single and twisted yarns - Ring spinning (long fibres)
  - From 170 dtex to 50 000 dtex (Nm 60 to 0.2)
  - Diameters from few hundredths of mm to several mm

- Plied yarns - Self-twist spinning
  - 200 dtex 2 ends (Nm 50/2) to 670 dtex 2 ends (Nm 15/2)

- Staple fibres and slivers
  - Stretch broken and cut material
  - Length between 15 and 200 mm

- Covered yarns
  - Simple, double covering... etc.

- Monofilaments and multifilaments
  - Assembly with spun yarns, elastic yarn... etc.

- We create and adapt our machines to widen our range of products and satisfy your specific needs.

Don't hesitate to contact us for particular information
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