



TECHNICAL SHEET

Ligastic®

Artificial ligament



The **LIGASTIC** ligaments intended to replace or reinforce an existing ligament. They must function for at least 6 months in ACL reinforcement cases and permanently for replacement cases.

They are made of Polyethylene Terephthalate (PET), knitted in non-deforming and non-warpable chains. The fibres are orientated longitudinally in the axis of the ligament and are straight and parallel at maximum extension. The warp knitting makes it possible to avoid the deformation of the weft fibers but provides very good flexibility. Porosity of 400µm facilitating colonisation allows the reinforcement or the replacement.

Several references are available, following the different indications: knee surgery, ankle, shoulder or tendon reinforcement (Achille & patella).

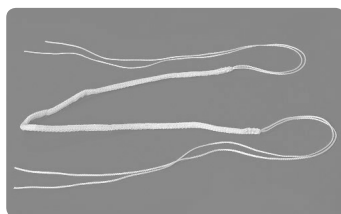
- + Implantable Medical Device in permanent contact with bone and soft tissues class IIb.
- + PET fibers (Polyethylene Terephthalate), purely synthetic.
- + Gamma ray sterilization.
- + Many sizes and shapes, following procedures.
- + Packaging by unit, recommended storage in a dry place protected from light. Period of validity of 60 months for sterile ones.
- + Informations in this brochure are intended to provide information on the product. Always refer to the packaging, labels and / or instructions for use before using this product. Document reserved for the use of health professionals.
- + This product is not available for sale in all countries.

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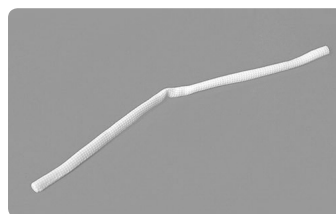
Product references

Knee		Tensile strength at break*
LCA60NEF	Anterior cruciate ligament Ø 6 x 300mm	NC
RTF18	Reinforcement ligament for ACL 7,5 x 360mm	930 N
RTF22	Reinforcement ligament for ACL 9 x 360mm	1100 N
LCP88NE	Posterior cruciate ligament Ø 5.5 x 550mm	1800 N
LLI30	Medial collateral ligament 22.5 x 370mm	1600 N
LT60	Patellar tendon 8.8 x 290 x 5mm	NC
L30	Lateral collateral ligament Ø 4.5 x 360mm	1350 N
Shoulder		Tensile strength at break*
L20	ACJ ligament Ø 3.7 x 330mm	900 N
L30	ACJ ligament Ø 4.5 x 360mm	1350 N
Ankle		Tensile strength at break*
LT60	Lateral collateral ligament 8.8 x 290 x 5mm	NC
L30	Patellar tendon Ø 4.5 x 360mm	1350 N

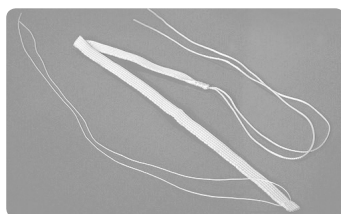
* Orthomed test protocol



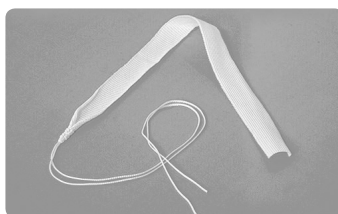
LCA60NEF- LCP88NE



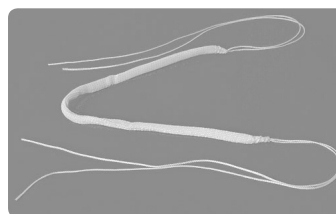
LT60



RTF22 - RTF18



LLI30



L30 - L20