

UNIQUE FEATURES OF OUR SUSPENSION LINES

1 STABILITY

All our suspension lines go through a thermo-mechanical stabilisation process in production. This achieves **full-stability** in the cord. Given that elongation under load is negligible, this operation is also a load test.

2 RESISTANCE

The design of our suspension lines includes **the best fibres available on the market**, such as high modulus Technora®, Dyneema® SK75, SK78 and also SK90.

The performance of the fibres is increased once they have been through our material treatment department.

3 SAFETY

All our suspension line manufacturing is **controlled and traceable**.

Cousin Trestec meets the strictest standards and complies with the ISO 9001 norm.

Our quality department is able to check all the technical parameters and mechanical standards, such as resistance/breaking strength, stretch and abrasion, in line with the protocols set by the DHV.

4 CHOICE

Cousin Trestec offers **a full range of suspension lines** covering all the diameters, breaking strengths and construction features:

- Technora® core for users who focus on ultimate stability.
- Dyneema® core for extended life-time of the line.
- Competitive sport range for extreme achievement.

5 PRICE

Cousin Trestec makes extensive use of the best high performance fibres available such as Dyneema®, Technora® and Vectran™ for producing ropes for many markets: kitesurf, yachting, parachuting, industrial applications...

The significant volumes we achieve through this give us good purchasing power with the suppliers and we can negotiate some of the best prices for raw materials. **As a result, our range of suspension lines is highly competitive on the market.**

RECOMMENDATIONS FOR PARAGLIDERS

It is important to follow advice from the paraglider manufacturer. This will cover conditions of use and their recommendations for taking care of the equipment when storing and carrying out maintenance.

A paraglider is equipped with almost 400 meters of suspension lines. It is recommended that regular maintenance and inspection is carried out by a certified professional workshop. They will run through a “simple” check of your canopy or a “full” check if there is any question regarding the suspension lines, the stitches or any part of the canopy itself.

The fabrics used in the making of the canopy and general use will affect the lifetime of the suspension lines. Lifetime of a suspension line is hard to forecast as too many factors need to be considered, like the amount of care given to storage, the intensity of use, the type of canopy...

The practice of competitive flying requires a particular attention to the suspension network and regular renewal is recommended for thin diameter and lower lines.

It is recommended to give the suspension lines for inspection by a certified professional at least yearly or after every 100 hours of flight.

This gives a good safety margin and will help minimise the already low number of accidents for a sport still categorised as “risky”.

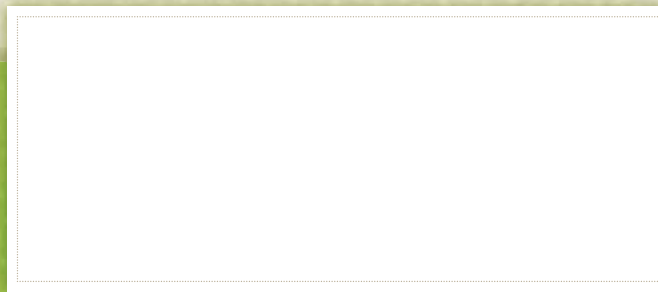


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SUSPENSION LINES FOR PARAGLIDERS

COUSIN TRESTEC

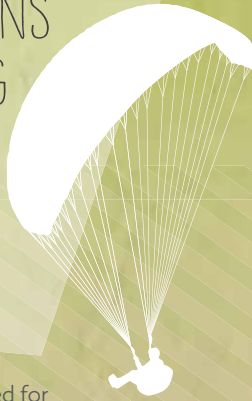
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BRAID TO LINK THE WORLD

SOME GOOD REASONS TO PREFER A WING EQUIPPED WITH COUSIN TRESTEC SUSPENSION LINES



The network of suspension lines used for a paraglider is made of some 400 meters of textile lines.

They are highly resistant, high performance thin lines manufactured with a lot of care in our workshops located in the North of France.

Cousin Trestec has shown the way to modern paragliders suspension lines.

Made of the strongest synthetic materials, the Cousin Trestec suspension lines are offered in three main ranges:

- A range of braided lines with a Superaram Technora® core.
- A range of braided lines with a Dyneema® core.
- A range of single braid lines made of Technora®, Dyneema® or Vectran™ designed for competition.

All these lines are immensely stable and reliable.

A COUSIN TRESTEC RANGE OF PRODUCTS MATCHING YOUR NEEDS

TECHNORA® LINE

CONSTRUCTION

Superaram Technora® structural core under a finely braided cover made from high tenacity polyester.

Ø mm	1.1	1.2	1.5	1.8	1.9	2.1	2.5
B/S daN	100	120	160	230	320	360	450
g/m	1.1	1.15	1.66	2.3	2.86	3.55	4.5

DYNEEMA® ULTIMATE LINE

CONSTRUCTION

Dyneema® SK75 or SK78 core under a finely braided cover made from high tenacity polyester.

Ø mm	0.95	1.1	1.3	1.4	1.5	1.9	2.1
B/S daN	85	130	150	170	220	340	420
g/m	0.78	1	1.21	1.6	1.78	2.41	3.3

COUSIN TRESTEC COMPETITION LINES

VECTRALINE

CONSTRUCTION

100 % Vectran™ single braid line with coloured PU impregnation.

Reference	12 100	16 140	12 240	16 330	12 470	16 560	12 950	16 999
Ø mm	0.6	0.7	0.9	1	1.2	1.4	1.6	2.2
B/S daN	53.5	74	122	153	215	255	430	565
g/m	0.28	0.39	0.57	0.77	1.17	1.59	2.24	3.04

TECHNOLINE

CONSTRUCTION

100 % Technora® single braid line with coloured PU impregnation.

Reference	1110	1150	1220	1320	1450	1590	1740	1830
Ø mm	0.6	0.7	0.82	1	1.18	1.4	1.6	1.7
B/S daN	56	74	105	145	218	268	337	380
g/m	0.29	0.4	0.57	0.78	1.14	1.42	1.91	2.1

