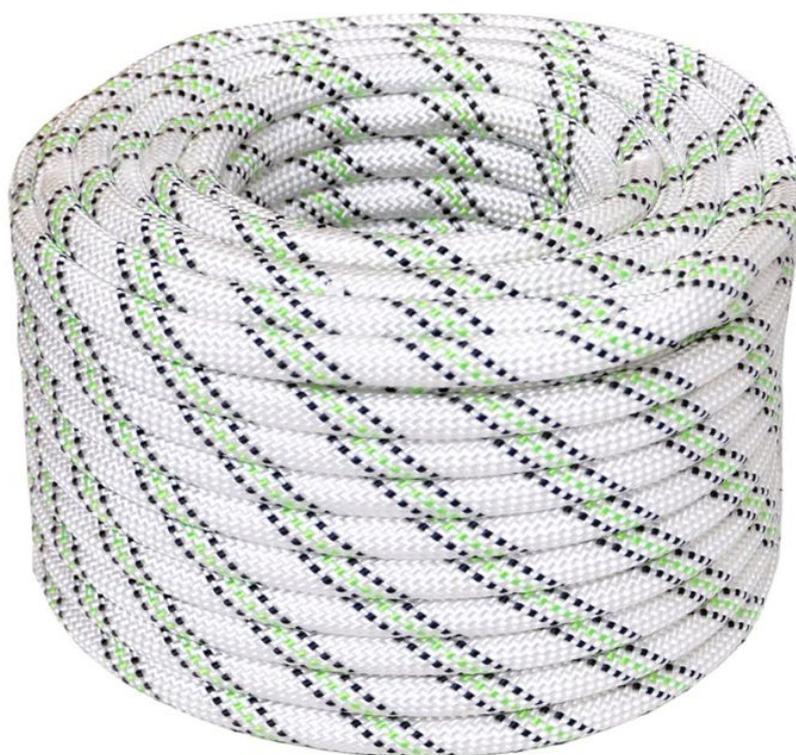


KRATOS - SEMI STATIC ROPE INSTRUCTIONS



For your safety, comply strictly with the instructions for use, verification, maintenance and storage. George Taylor & Co. cannot be held liable for any direct or indirect accident occurring as a result of use other than provided for in this notice; do not use this equipment beyond its capabilities!

LABELLING

CE 0120



KRATOS

SAFETY

FOR LIFE

4 EN1891 Type A

REF : **5** FA 70 011 99

LG : _____ m

Diam **6** : _____ mm

Lot N° **7** :

 **8**

1. Manufacturer's name
2. Number of the certifying organisation responsible for inspecting the equipment
3. Indication of conformity with the directive
4. The number of the standard to which the product conforms
5. The product reference
6. Length & Diam
7. The batch number
8. Read the instructions before use

	FA 70 010 99	FA 70 011 99	FA 70 012 99
	CE EN 1891 / A	CE EN 1891 / A	CE EN 1891 / A
Static Strength	30.3 kN Max	32.4 kN Max	40.3 kN Max
Static Strength 8 Knot	15 kN	15 kN	15 kN
Diameter	10.5mm	11mm	11.9mm
Weight/m	73 g/m	77 g/m	92 g/m
Construction	11 core 58 sheath	12 core 56 sheath	16 core 58 sheath
Material	Polyamide	Polyamide	Polyamide
Shrinkage in water	2.5%	2%	1.9%
% Core	57.9%	60.1%	66.6%
% Sheath	42.1%	39.9%	33.4%
Sheath slippage	0.3%	0.98%	1.04%
Elongation	2.9%	2.5%	2.3%

USE AND PRECAUTIONS

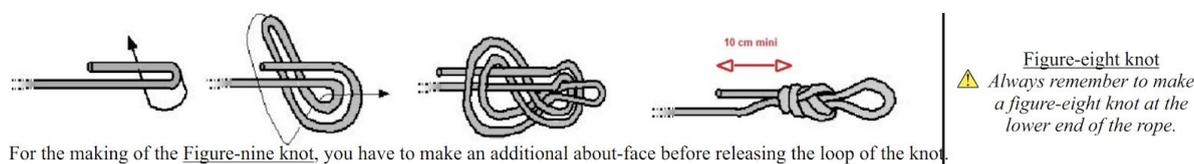
Semi static ropes in accordance with EN 1891 type A (Kernmantle sheathed rope with a low stretching coefficient), are more adapted to rope access (vertical access), work positioning or restraint at work, rescue, speleology, than Type B ropes. During the use, make sure not to be in freefall position with a fall factor equal to or greater than 1. Similarly, any “slack” in the rope between the user and the anchor point should be avoided. These ropes are pieces of Personal Protection Equipment against people falls from height, they should be allocated to a single user (they can only be used by one person at a time)

do not use them as a means of lifting.

The performance of the Type A ropes is superior to that of Type B ropes. When using Type B ropes, beware of the effects due to abrasion, cuts, fall factor,... We do not advocate the use of Type B ropes for the activities mentioned hereinabove.

- When you use a rope in climbing technique, with a risk of free fall, during rope access, rescue or speleology, then you must use a dynamic rope in accordance with EN 892. A training is indispensable before using these ropes, this training must be adapted to the practices implied by the use of these pieces of equipment. These ropes are for the sole use of people trained, skilled and in good health, or under the supervision of a trained and skilled person. Certain medical conditions may affect user safety, if in doubt, consult your doctor.
- Before first use, we recommend you to « wash » your rope by leaving it to soak in clear water during 24 hours and then letting it dry naturally and slowly (**a new, unwashed rope is very slippery**).
- While using it, please be careful not to overheat or burn the rope during an excessively rapid descent for example, this accelerates the aging of the rope and affects its performances. A rope that is full of dust, sand, earth, or water may have very different behaviors, it is essential for your safety to always use perfectly clean ropes. The friction of one rope against another, or against a webbing, causes significant heating and may lead to the breaking of the rope.
- During use, take care not to let the rope in touch with sharp edges or rough surfaces, avoid creating slack between you and the anchorage point, in order to minimize the clearance as far as possible.
- Never use a rope of which you neither know the origin, nor the history, for its damages (due to successive falls) can be invisible. If you cut the rope in various lengths, copy the end marking on each of the lengths detailing the new lengths obtained. A copy of this user instruction has to be provided with each length of rope.

End knot: We recommend you to make a tight Figure-eight knot, or a tight Figure-nine one, letting the free yarn exceed the knot from 10cm.



The anchor point should be situated above the user (minimum strength: 12 kN). Make sure that the work is done in such a way as to limit the pendulum effect, as well as the risk and the height of a fall. For safety reasons and before each use, make sure that in the event of a fall there is no obstacle obstructing the normal deployment of the fall arrest system (free space under the user's feet). The air space under the user's feet should be a minimum of: refer to the fall arrest system manual. The clearance under the user's feet should be a minimum of: refer to the fall arrest system manual.

Before and during use we advise you to make the necessary, arrangements for a safe rescue if the need should arise. Check the condition of the rope on its whole length: visual inspection to make sure the rope has no signs of cut, burn, gash, fray, break, flattening... Check manually by pressing it between your fingers that the core is not damaged, cut...(there must be no space under the fingers when pressing). Product markings should be checked periodically for legibility.

In the event of deformation or doubt the rope should not be reused.

Do not repair or replace any component of the system whatsoever.

TECHNICAL CHARACTERISTICS

Material: Polyamide sheath and core.

To be used between -30°C and +70°C.

See table on the 1st page.

SUITABILITY FOR USE

Make sure that the devices are used in combination with other systems adapted for rescue, rope access, and that they are compatible and conform to the rules, the standards and the European directives that are applicable. It may be dangerous to create one's own fall arrest system where each safety function can interfere with another safety function. In any case, we recommend you to use connectors that conform to EN362. A fall arrest harness (EN361) is the only body-gripping device that may be used. Thus, before any use, read the recommendations in the user instructions of each component of the system.

SERVICE LIFE

Service life of the product is 10 years (in accordance with the annual examination by a competent person authorized by KRATOS SAFETY), but it may be increased or reduced according to use and/or the results of the annual inspections. The service life of the product is related to various factors such as frequent or wrong use, high stress, exposure to heat, ageing, exposure to chemical products... Your equipment will last even longer if you take care of it. Nevertheless, we recommend you to replace your equipment at least every 10 years.

VERIFICATION

Your safety depends on the proper working of your equipment. To do so, always check your equipment before, during and after use, in case of doubt or after a fall, and make sure it passes a thorough periodic inspection with a competent staff at least every 12 months. This frequency may vary according to the frequency and intensity of use. This equipment should be inspected before, during and after use, in case of doubt, or after a fall and at least every 12 months, by the manufacturer or a competent person authorised by the manufacturer to check its condition and hence the user's safety. The product data sheet should be completed after each annual product verification.

SERVICING & STORAGE

(Comply strictly with these instructions)

Put away the rope in a protection bag, avoiding making twists. During transport, keep the equipment away from any cutting surface and keep it in its packaging. Clean it with water (30°C max) and soap, wipe it with a dry rag and hang it up in a well-ventilated location, to let it dry naturally and away from a naked flame or heat source; follow the same procedure for components that have become damp during use. Never use bleach or detergents. This rope should be stored in its packaging in a warm, dry, ventilated place, protected from sunlight, heat and chemicals.