

FUSION™

Sterling's Fusion series ropes are engineered for climbers who push their limits. Years of research and development have gone into this series resulting in an ideal dynamic performance. Each rope has an innovative construction creating the important balance of lightweight and durability, making them the preferred choice of Sterling athletes.

Best uses: Sport, Lead, Mixed, Alpine

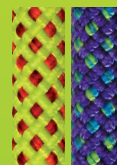


Chris Sharma on the First Round First Minute 5.15b, Margalef, Spain. Pete O'Donovan photo.



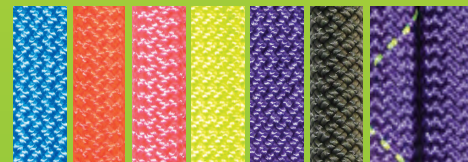
PHOTON 7.8mm

The Photon was designed to round out the Fusion series as a dual certified performance half / twin rope. With a diameter of 7.8mm and weighing only 41 grams per meter, the Photon is small and light, making rope drag less of a concern over long pitches.



NANO 9.2mm

The Fusion Nano will save you the weight of a larger cord without compromising performance. Dual certified as a single and half rope the Nano a great choice for redpoints, alpine and mixed climbing.



ION² 9.4mm

The Fusion Ion, offers a look that is different than any rope on the market. A super smooth feel and weighing less than most ropes in this size range the Ion is a great rope for sport, lead and mixed climbing.



- Name	Photon	Nano	Ion ²
- Diameter	7.8mm	9.2mm	9.4mm
- UIAA Falls	5 / 16	6 / >20	5
- Impact Force	5.6 / 8.7 kN	8.5 / 6.4 kN	8.1kN
- Weight	42 g/M	53 g/M	57 g/M
- Static Elongation	11.7 / 6.5 %	7.5%	9.5%
- Dynamic Elongation	35.2 / 32.3%	32.5 / 32.7 %	35.7%
- Type	Half / Twin	Single / Half	Single
- UIAA / CE	Yes	Yes	Yes

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