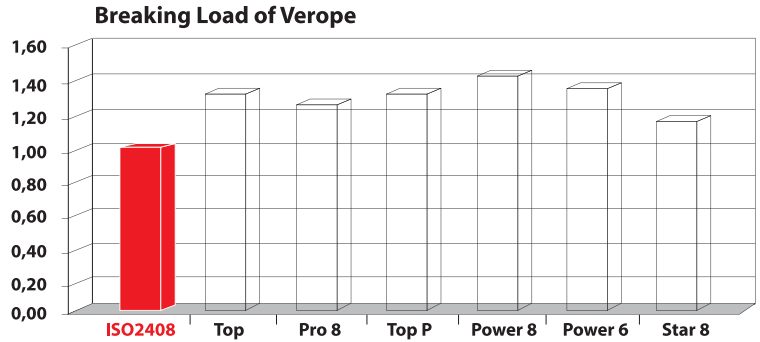


## 05 Comparison of Breaking Load

Verope products are designed not only to achieve greater tensile strength of the individual wires but also are a combination of relative factors with high technology.

- Use only high-quality wires that are produced in Kiswire's own drawing factory.
- Increased fill factor/metallic area of the rope through optimal compacting of the strands.
- Parallel lay with a plastic layer that substantially reduces the internal stresses of the rope.

Standard breaking strength of Verope is around 20-40% higher than a conventional rope to international standards of the same tensile grade and construction categories.

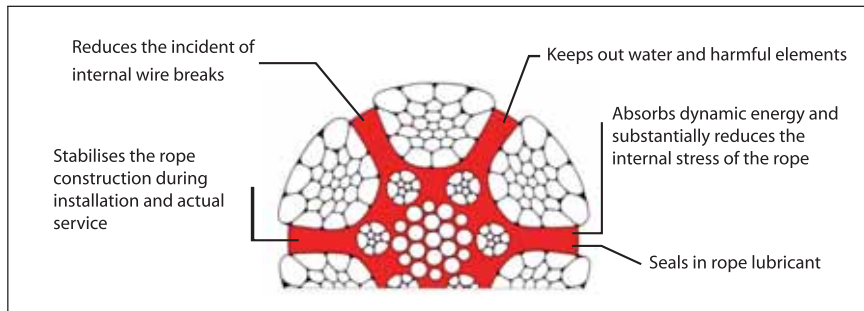


Items	ISO2408	Top	Pro 8	Top P	Power 8	Power 6	Star 8
Ration	1,00	1,31	1,26	1,31	1,43	1,34	1,18

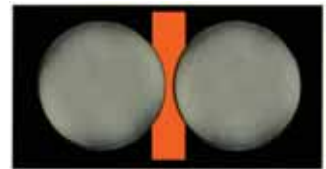
## 06 Plastic Layer

- Steel-plastic combination
- long fatigue life

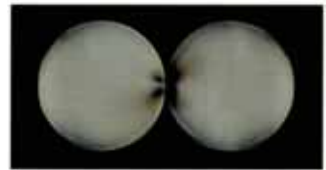
The plastic layer of Verope acts as a cushion between the layers. This plastic layer has many advantages.



Prevents steel to steel contact



Plastic Layer



Without Plastic Layer

## 07 Bending Fatigue

Fatigue test result of Verope (in-house test)

8-strand round	8st.CMP	Top P	Top	Pro 8
50	95	149	153	162

x 1000 cycles

