

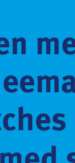
SO YOU THINK ALL HMPE IS THE SAME?

It's not, and here's why... 3 things to consider:

TRUSTED STRENGTH

SERVICE LIFE

RELIABILITY



TRUSTED STRENGTH

When measured, Dyneema® SK78 matches its claimed strength of 35 cN/dtex, while other generic HMPE fibers show significant variation, being up to 22% lower in strength.

35 CN/DTEX

MAX SK78

GENERIC HMPE: VARIATIONS IN MEASURED STRENGTH



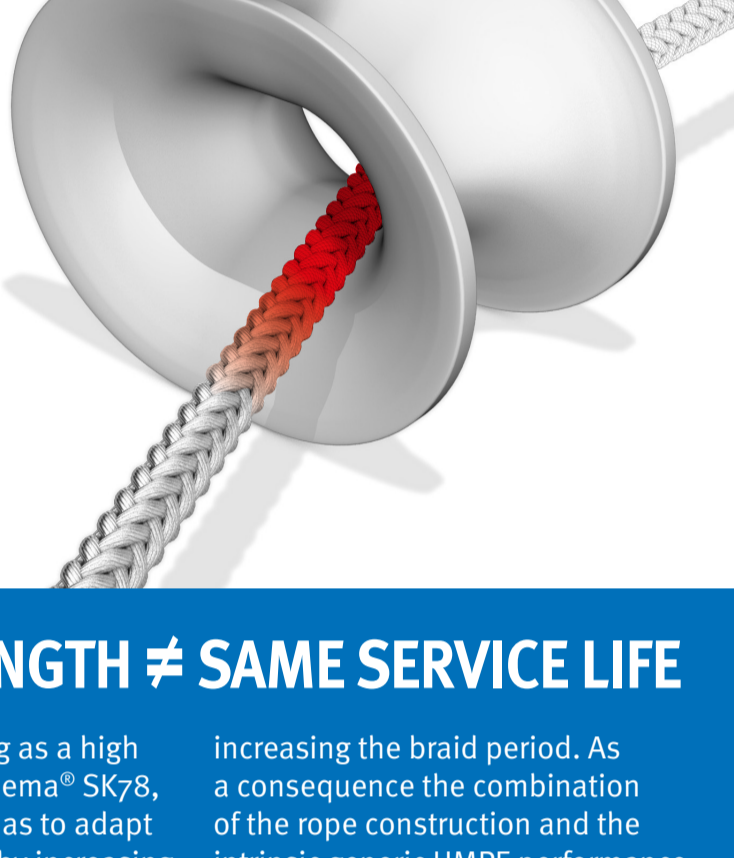
STRENGTH



SERVICE LIFE

Why does a rope made with Dyneema® SK78 last so much longer than a rope with generic HMPE?

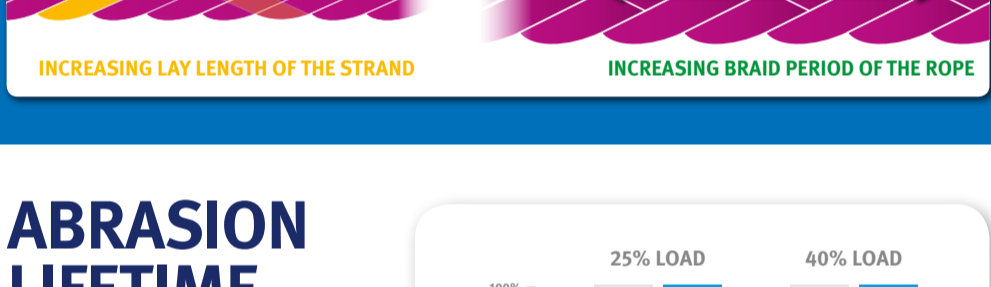
Dyneema® massively outperforms all generic HMPE in abrasion and creep lifetime comparisons.



SAME STRENGTH ≠ SAME SERVICE LIFE

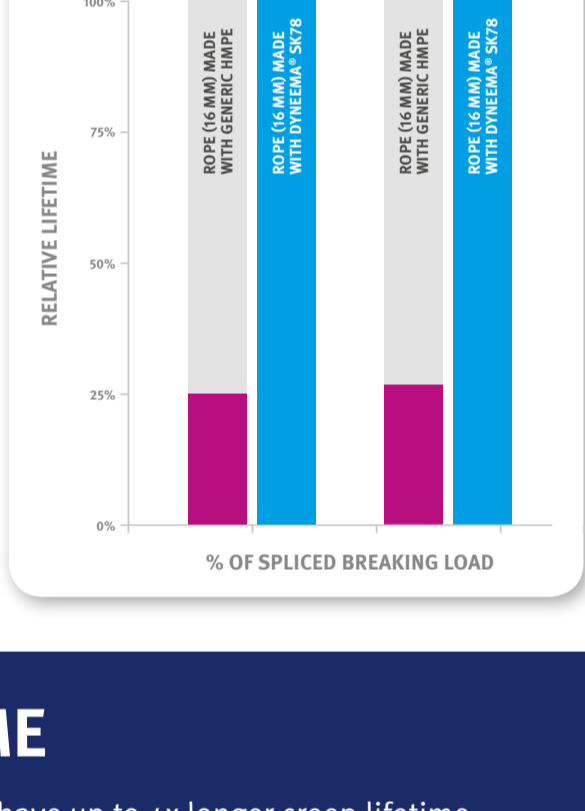
In order to be as strong as a high quality rope with Dyneema® SK78, a generic HMPE rope has to adapt the rope construction by increasing the lay length of the strands and

increasing the braid period. As a consequence the combination of the rope construction and the intrinsic generic HMPE performance reduces the service life.



ABRASION LIFETIME

Generic HMPE ropes show 4 times less abrasion lifetime as compared to ropes with Dyneema® SK78, which are seen as benchmark in the industry.



CREEP LIFETIME

Ropes made with Dyneema® have up to 4x longer creep lifetime compared to generic HMPE.

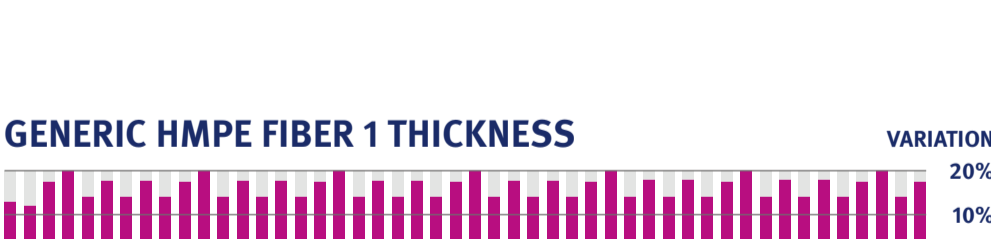


RELIABILITY

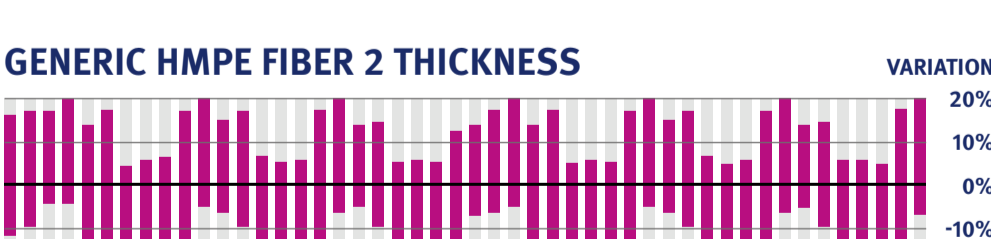
Only Dyneema® delivers consistent quality

Dyneema® has the most uniform fiber thickness when compared with generic HMPE fiber. Choosing Dyneema® ensures you have the best and most stable performance characteristics in your rope.

DYNEEMA® FIBER THICKNESS



GENERIC HMPE FIBER 1 THICKNESS



GENERIC HMPE FIBER 2 THICKNESS



FEEL SECURE. ONLY WITH DYNEEMA.®

For more information visit www.dyneema.com/maritime

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