



Dyneema® vs. HMPE		
	Dyneema® SK78	HMPE
<b>Place of origin</b>	Western origin fiber (NL/US) produced by Dutch multinational DSM.	Originally produced in China by Dutch multinational DSM now reproduced by many.
<b>Available data</b>	Full dataset available regarding fiber properties like UV, abrasion, fatigue, creep, cut resistance and chemical resistance.  Over 30 years track record in highly demanding applications.	Material properties: good quality within specifications. Specifications not always consistently met.
<b>Trusted strength</b>	Dyneema® matches its claimed strength of 35 cN/dtex as per testing.	Generic HMPE fibers show significant variation, being up to 22% lower in strength.
<b>Service life</b>	Dyneema® outperforms all generic HMPE in abrasion and creep lifetime comparisons.	Slings with generic HMPE show 4X LESS abrasion resistance over life of sling as compared to slings with Dyneema®.
<b>Reliability</b>	Dyneema® has more uniform fiber thickness.	Generic HMPE has a less uniform fiber thickness.
<b>Certification</b>	DNV-GL certified fiber and certified lifetime model available for creep and tension fatigue	n/a
<b>Weight and diameter</b>	Approximately 10% lower in weight and smaller in diameter than HMPE.	Approximately 10% higher in weight and bigger in diameter than Dyneema®.

Please visit [www.liftex.com](http://www.liftex.com) or contact our sales department for more information.

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*Sling Safety is No Accident™. Insist on the Highest Quality Materials!*