

Lift-Tex Industrie B.V. – Extreema® Heavy Lift



Bio-based Dyneema® vs. HMPE (Trosar®)		
	Bio-based Dyneema® SK78	HMPE (Trosar®)
Place of origin	Western origin fiber (NL/US) produced by Dutch multinational DSM.	Originally produced in China by Dutch multinational DSM
Available data	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.
Trusted strength	When measured, Dyneema® matches its claimed strength of 35 cN/dtex.	Other generic HMPE fibers show significant variation, being up to 22% lower in strength.
Service life	Dyneema® outperforms all generic HMPE in abrasion and creep lifetime comparisons.	Generic HMPE shows 4 times less abrasion lifetime as compared to slings with Dyneema®.
Reliability	Dyneema® has more uniform fiber thickness.	Generic HMPE has a less uniform fiber thickness.
Certification	DNV-GL certified fiber and certified lifetime model available for creep and tension fatigue	n/a
Weight and diameter	Approximately 10% lower in weight and smaller in diameter than HMPE.	Approximately 10% higher in weight and bigger in diameter than Dyneema®.
Sustainability	Utilizes the mass balance approach and further reduces our reliance on fossil fuel-based resources.	n/a

Please visit www.extreemasoftslings.com or contact our sales department for more information.
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There are no limits in using quality products for safer lifting jobs

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