

FLYNEEMA

Product Data Sheet:

Description: Single braid rope.

Commercial name: Flyneema

Specifications:

Core: Direct yarns		Cover: 16 Plait	
Material:	Dyneema Sk 78 ®	Material:	Polyester®
Specific Gravity-	HMPE- 0.98	Specific Gravity-	Polyester - 1.38
UV Ranking - HMPE	Dyneema® - 5	UV Ranking -	Polyester – 5
Melting Point (Degrees C)	HMPE – 150	Melting Point (Degrees C)	Polyester- 260

Breaking Load:

FLYNEEMA

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
1	1/16	7	0,7	0,5	40	88	0,4
1,2	5/64	9	0,9	0,6	80	176	0,8
1,4	1/8	18	1,8	1,2	100	220	1

Elongation

10%	20%	30%	40%	50%
0,49	0,78	1	1,25	1,46
0,49	0,77	1	1,23	1,14
0,51	0,8	1,02	1,27	1,49

* In accordance with the ISO 10325 2018