

## D-Cup 99 Kmix PBO



### Product Data Sheet:

Description: Double braid rope.

Commercial name: D-Cup 99 Kmix PBO

Specifications:

Core: 12 strands, PU coated.		Cover : 24 plait / 32 plait	
Material:	Dyneema Sk 99 ®	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
		Material:	Zylon fiber®
		Specific Gravity	PBO 1.5
		UV Ranking	PBO- 1
		Melting Point (Degrees C)	650 (decomposition)

Breaking Load:

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	14	1,4	0,9	960	2 116	9,4
5	3/16	17,8	1,8	1,2	1 740	3 836	17,1
6	1/4	22,3	2,2	1,5	2 100	4 630	20,6
7	9/32	28,4	2,8	1,9	2 340	5 159	22,9
8	5/16	41	4,1	2,8	3 708	8 175	36,4
9	3/8	54	5,4	3,6	4 200	9 259	41,2
10	13/16	60	6,0	4,0	5 880	12 963	57,7
12	1/2	95	9,5	6,4	7 920	17 460	77,7
14	9/16	129	12,9	8,7	10 080	22 222	98,9
Elongation at 10% of BL					0,32%		
Elongation at 20% of BL					0,56%		
Elongation at 30% of BL					0,78%		
Elongation at 40% of BL					0,98%		
Elongation at 50% of BL					1,19%		

\* In accordance with the ISO 10325 2018    \*\* More diameters on demand