
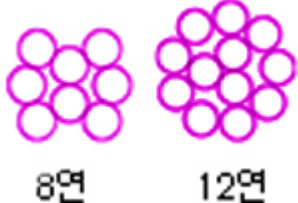


Structure	Applications
  8연 12연	Mooring, Towing , Tug lines, Anchor Lines
	Feature
	Aone Flex uses the Polyolefin composite fibre with polyester as tension member and has excellent fatigue and abrasion resistance. <ol style="list-style-type: none"> ① Torque free ② Excellent abrasion Resistance ③ High strength ④ Floats ⑤ Excellent UV Resistance

Physical Properties

Fiber	Construction	Melting Point	Elongation at break	Specific gravity
High tenacity polyester fiber	8 strand, 12 strand	165 °C / 265 °C	30%	1.14

Aone Flex 8 Strand Rope

item No.	Dia.		Breaking Strength		Cir.		Weight	
	mm	Inch	KG	LBS	mm	Inch	kg/100m	lbs/100ft
AFR840	40	1-9/16	32,000	70,500	120	5	99	66.5
AFR844	44	1-3/4	38,000	83,700	132	5-1/2	120	80.6
AFR848	48	1-7/8	44,000	97,000	144	6	142	95.4
AFR852	52	2-1/16	51,000	112,400	156	6-1/2	166	111.5
AFR856	56	2-1/4	59,000	130,000	168	7	193	129.7
AFR860	60	2-3/8	67,000	147,700	180	7-1/2	221	148.5
AFR864	64	2-1/2	75,000	165,300	192	8	252	169.3
AFR868	68	2-3/4	84,000	185,100	204	8-1/2	285	191.5
AFR872	72	2-7/8	94,000	207,200	216	9	319	214.4
AFR875	75	3	102,000	224,800	222	9-1/4	346	232.5
AFR880	80	3-5/32	114,000	251,300	240	10	394	264.8

Aone Flex 12 Strand Rope

item No.	Dia.		Breaking Strength		Cir.		Weight	
	mm	Inch	KG	LBS	mm	Inch	kg/100m	lbs/100ft
AFR036	36	1-7/16	27,800	61,200	108	4-1/2	83	55.8

AFR040	40	1-9/16	33,600	74,000	120	5	100	67.2
AFR044	44	1-3/4	40,000	88,000	132	5-1/2	121	81.3
AFR048	48	1-7/8	46,200	101,800	144	6	143	96.1
AFR052	52	2-1/8	53,600	118,100	156	6-1/2	168	112.9
AFR056	56	2-1/4	62,000	136,600	168	7	201	135.1
AFR060	60	2-3/8	70,500	155,400	180	7-1/2	226	151.9
AFR064	64	2-1/2	79,000	174,000	192	8	252	169.3
AFR068	68	2-3/4	88,500	195,000	204	8-1/2	286	192.2
AFR072	72	2-7/8	99,000	218,000	216	9	330	221.8
AFR080	80	3-5/32	120,000	264,000	240	10	403	270.8
AFR088	88	3-7/16	145,000	319,600	264	11	478	321
AFR096	96	3-13/16	172,000	379,000	288	12	569	382.4
AFR104	104	4-1/8	202,000	445,000	312	12-3/4	666	447.5
AFR112	112	4-7/16	233,000	513,600	336	14	772	51/.8
AFR120	120	4-3/4	266,000	586,400	360	15	887	596