
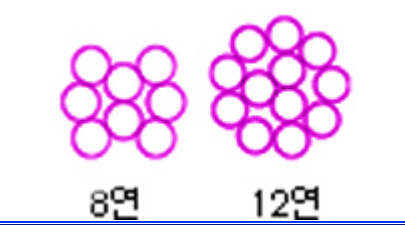


Structure	Applications
	Mooring, Towing, Tug lines, Anchor lines
	Feature
	<p>TUFFDAN is manufactured from High Tenacity Polyolefin yarns.</p> <p>TUFFDAN offers easy handling, high strength and excellent abrasion resistance. Stronger than conventional Dan line.</p> <p>① High strength and floats ② Excellent abrasion for longer working life ③ High Elongation ④ Torque Balanced</p>
	

Physical Properties

Fiber	Construction	Melting Point	Elongation at break	Specific gravity
High tenacity polyester fiber	8 strand, 12 strand	165 °C	18~20 %	0.94 (Float)

Aone Tuffdan 8 Strand Rope

item No.	Dia.		Breaking Strength		Cir.		Weight	
	mm	Inch	KG	LBS	mm	Inch	kg/100m	lbs/100ft
ATR840	40	1-9/16	28,400	62,600	120	5	79.1	53.2
ATR844	44	1-3/4	33,900	74,700	132	5-1/2	97.7	65.7
ATR848	48	1-7/8	39,800	87,700	144	6	114.5	76.9
ATR852	52	2-1/16	46,000	101,400	156	6-1/2	134.0	90.0
ATR856	56	2-1/4	52,800	116,400	168	7	156.0	104.8
ATR860	60	2-3/8	60,500	133,000	180	7-1/2	179.0	120.3
ATR864	64	2-1/2	68,200	150,000	192	8	203.6	136.8
ATR868	68	2-3/4	77,600	171,000	204	8-1/2	230.0	154.6
ATR872	72	2-7/8	85,800	189,000	216	9	258.0	173.4
ATR880	80	3-5/32	105,600	232,800	240	10	319.0	214.4

Aone Tuffdan 12 Strand Rope

item No.	Dia.		Breaking Strength		Cir.		Weight	
	mm	Inch	KG	LBS	mm	Inch	kg/100m	lbs/100ft
ATR036	36	1-7/16	21,400	53,100	108	4-1/2	64.1	43.1

ATR040	40	1-9/16	29,800	65,600	120	5	79.1	53.2
ATR044	44	1-3/4	35,600	78,400	132	5-1/2	97.7	65.7
ATR048	48	1-7/8	42,000	92,500	144	6	114.5	76.9
ATR052	52	2-1/8	48,500	106,900	156	6-1/2	134.0	90.0
ATR056	56	2-1/4	55,400	122,000	168	7	156.0	104.8
ATR060	60	2-3/8	64,000	141,000	180	7-1/2	179.0	120.3
ATR064	64	2-1/2	72,000	158,700	192	8	203.6	136.8
ATR068	68	2-3/4	82,000	180,700	204	8-1/2	230.0	154.6
ATR072	72	2-7/8	90,500	199,000	216	9	258.0	173.4
ATR080	80	3-5/32	111,000	244,700	240	10	319.0	214.4
ATR088	88	3-7/16	134,000	295,400	264	11	386.0	259.4
ATR096	96	3-13/16	158,000	348,000	288	12	459.0	308.4
ATR104	104	4-1/8	185,000	407,800	312	12-3/4	536.0	360.2
ATR112	112	4-7/16	214,000	471,700	336	14	623.0	418.6
ATR120	120	4-3/4	246,000	542,000	360	15	718.0	482.5