



Structure	Applications
 	Mooring, Towing, Anchor lines, winch lines etc
	Feature
	<p>Aone Ultimatex-12(HMWPE) rope has a construction of 12-strand braid, made of HMWPE yarns. This rope is an excellent alternative to heavy and lumber some steelwire ropes.</p> <p>The strength is higher than steelwire rope if same diameter and weighs merely 1/7 of steelwire. The rope provides longer service life and reduces operation costs when compared to wire in various application. Because of specific gravity lower than one, it floats.</p> <ul style="list-style-type: none"> ① High strength and low stretch ② Excellent abrasion for longer working life ③ Torque free ④ Very flexible ⑤ Soft hand

Physical Properties

Fiber	Construction	Melting Point	Elongation at break	Specific gravity
HMPE & Polyester	Core - HMWPE Jaket- POLYESTER	150 °C / 265 °C	4~5%	1.06

item No	Dia.		Breaking Load		Cir.		Weight	
	mm	Inch	TON	LBS	mm	Inch	kg/100m	lbs/100ft
UPP026	26	1-1/16	54	119,000	78	3-1/4	43.5	29.2
UPP028	28	1-1/8	63,1	139,000	85	3-1/2	51.0	33.6
UPP030	30	1-1/4	68,7	151,500	90	3-3/4	58.6	39.3
UPP032	32	1-5/16	74,2	163,500	96	4	65.0	43.7
UPP036	36	1-7/16	93	202,000	108	4-1/2	79.0	53.0
UPP040	40	1-9/16	114	251,000	120	5	95.0	63.7
UPP044	44	1-3/4	135	297,600	132	5-1/2	111.0	74.6
UPP048	48	1-7/8	165,2	364,000	144	6	137.0	92.0
UPP052	52	2-1/8	195,2	430,000	156	6-1/2	161.0	107.5
UPP056	56	2-1/4	230	507,000	168	7	183.0	123.0

UPP060	60	2-3/8	263	280,000	180	7-1/2	205.0	137.8
UPP064	64	2-1/2	308	679,000	192	8	236.0	158.6
UPP068	68	2-3/4	344	758,000	204	8-1/2	266.4	179.0
UPP072	72	2-7/8	380	837,000	216	9	295.0	198.0
UPP080	80	3-5/32	458	1,010,000	240	10	359.0	241.0
UPP088	88	3-7/16	540	1,190,000	264	11	421.0	282.9
UPP096	96	3-13/16	626	1,380,000	288	12	511.0	343.4