



Unitrex XS-8

Unitrex XS-8 consists of eight (8) Unitrex ropes plied together to form an 8-strand plaited cable. Very strong, very light and very abrasion resistant, Unitrex XS-8 is unique. The base cable, Unitrex, is made of parallel strands of Ultra High Molecular Weight Polyethylene UHMWPE fiber, bonded together with a rubberized adhesive, wound

with rubber tape and then over-braided with a polyester jacket, which is saturated with urethane. The subsequent oven curing fuses the tape, making a very tough cable or in this case, strands to make an even larger strength member. Unitrex XS-8 is easily spliced with a straightforward tucking procedure.

Specifications

Diameter		Average Spliced Break Strength*		Minimum Spliced Break Strength*		Maximum** Working Load 4:1		Weight	
Inches	(mm)	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs/100ft	Kg/100m
1-1/2	(38)	136,000	61,740	122,400	55,566	34,000	15,435	52	77
1-3/4	(44)	166,000	75,360	149,400	67,824	41,500	18,840	71	106
1-7/8	(48)	213,000	96,700	191,700	87,030	53,250	24,175	90	134
2-1/8	(54)	272,000	123,485	244,800	111,137	68,000	30,871	106	158
2-1/2	(64)	323,000	146,640	290,700	131,976	80,750	36,660	149	222
2-7/8	(73)	470,000	213,380	423,000	192,042	117,500	53,345	214	319
3-1/2	(89)	640,000	290,560	576,000	261,504	160,000	72,640	290	432
3-3/4	(95)	800,000	363,200	720,000	326,880	200,000	90,800	380	566
4-1/4	(108)	1,010,000	458,540	909,000	412,686	252,500	114,635	490	730
4-3/4	(121)	1,248,000	566,590	1,123,200	509,931	312,000	141,648	600	893

* Knots and abrupt bends significantly reduce the strength of all ropes and lower the maximum working load.

** Working load is based on static or moderately dynamic lifting/pulling operations. Instantaneous changes in load, up or down, in excess of 10% of the rope's rated working load constitute hazardous shock load and would void the normal working-load recommendation. Consult Yale Cordage for guidelines for working loads and the safe use of rope.

Specific Gravity: 1.10