

**ARAMID FIBER ROPES****VETS 198 (Four Strand) Rope**

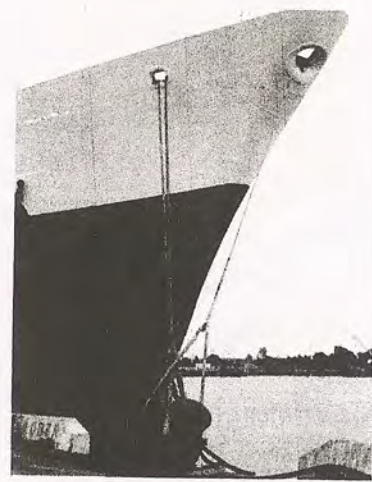
The following data describes a series of four-strand, right regular lay ropes developed specifically for mooring lines. Each strand consists of a load-bearing "Kevlar 29" (1) core protected from abrasion by a non-load-bearing, braided jacket. The jacket is a combination of polyester and aramid selected to provide abrasion protection under a variety of working conditions.

A rope should be selected based on its strength compared to the strength of other components in the system. The design strength of deck hardware must be considered. In the event of an unavoidable severe overload, it is usually better to break a rope than to fail some metal component.

These ropes have been designed to break in a cascading or sequenced manner. During laboratory testing, under controlled conditions the design failure mechanism has been shown effective in limiting the rate of energy release as the test rope broke. No

claim is made or implied that these ropes are safe or free of snap-back. Safe rope-handling procedures should always be practiced.

Part Number	Minimum Break Strength		Diameter		Linear density	
	Pounds	(KN)	Inches	(MM)	Lbs./100'	(Kg/100M)
VETS 198-10	50000	(222)	1-1/16	(25)	33	(49)
VETS 198-4	60000	(267)	1-1/8	(27)	37	(55)
VETS 198-3	70000	(311)	1-3/16	(29)	42	(62)
VETS 198-2	96000	(427)	1-5/16	(32)	51	(75)
VETS 198-1	135000	(601)	1-1/2	(38)	66	(98)
VETS 198-5	180000	(801)	1-3/4	(44)	86	(128)
VETS 198-6	225000	(1000)	1-7/8	(48)	113	(168)
VETS 198-7	280000	(1245)	2	(51)	142	(211)
VETS 198-8	350000	(1557)	2-7/16	(60)	174	(259)
VETS 198-9	420000	(1868)	2-5/8	(67)	210	(312)
VETS 198-11	500000	(2220)	2-3/4	(70)	250	(370)
VETS 198-12	600000	(2670)	3	(76)	300	(450)
VETS 198-13	700000	(3110)	3-1/4	(83)	350	(520)
VETS 198-14	885000	(3780)	3-5/8	(93)	440	(654)
VETS 198-15	1000000	(4450)	3-3/4	(95)	500	(740)



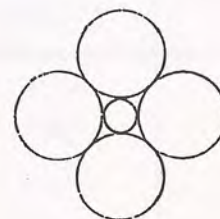
- (1) "Kevlar 29" is the trademark for DuPont's aramid fiber.

**FLOATING FIBER ROPES****VETS 276 (Four Strand) Rope**

The following data describes a series of floating, four-strand, right regular lay ropes. Each strand consists of a load-bearing or "Spectra"(1) core protected from abrasion by a non-load-bearing, braided jacket. The jacket is a combination of polyester and aramid selected to provide abrasion protection under a variety of working conditions.

A rope should be selected based on its strength compared to the strength of other components in the system. The design strength of deck hardware must be considered. In the event of an unavoidable severe overload, it is usually better to break a rope than to fail some metal component.

Part Number	Minimum Break Strength (pounds)	Nominal Diameter (inches)	Approximate Weight (lbs./100 ft.)
VETS 276-1	80,000	1-1/16	32
VETS 276-2	100,000	1-1/4	45
VETS 276-3	140,000	1-1/2	58
VETS 276-4	180,000	1-3/4	73
VETS 276-5	240,000	2	110
VETS 276-6	300,000	2-1/4	127
VETS 276-7	360,000	2-3/8	150
VETS 276-8	480,000	2-3/4	170
VETS 276-9	600,000	3	200
VETS 276-10	700,000	3-1/4	230
VETS 276-11	850,000	3-1/2	275
VETS 276-12	1,000,000	3-3/4	320



- (1) "Spectra" is a trademark of Allied Corporation.