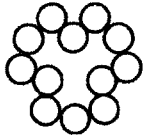


**12-STRAND**

# ROUND PLAIT™ NYLON

Twelve - Strand  
Product Code: 427



12-Strand  
Round Plait™  
Nylon Fiber

By incorporating our Parallay™ twisting process and Pro-Gard™ marine finish to this nylon rope, high strength and long wearlife are developed for this high energy absorbing product. This unique construction provides a firm, flexible rope with maximum bearing surface for superior

handling and wear. For peak dynamic loads during towing or mooring operations, Round Plait™ Nylon offers excellent shock mitigating properties. The product is easily spliced by a standard tuck splice procedure.

## CHARACTERISTICS

- High strength and shock mitigation
- Excellent wet strength retention
- Superior wet wear
- Easily spliced

## APPLICATIONS

- Towing and Shock Lines
- Mooring and Pendant Lines
- Deep Water Buoy Lines

Fiber Content: ..... Nylon  
Fiber

Specific Gravity: ..... 1.14

Elastic Elongation  
at Percentage of Break Strength:

10%	20%	30%
4.2	6.3	8.0

Water Absorption Fiber:  
..... 2% to 5%

ROUND PLAIT NYLON									
SIZE				WEIGHT		AVERAGE STRENGTH		MINIMUM STRENGTH	
Dia. Inch	Dia. mm	Circ. Inch	Circ. mm	Lbs per 100 Ft.	Kg per 100 M	Lbs	Kg	Lbs	Kg
3/4"	18	2-1/4"	54	15.0	22.3	18,400	8,346	16,600	7,530
7/8"	22	2-3/4"	66	22.6	33.6	27,600	12,519	24,800	11,249
1"	24	3"	72	26.3	39.1	32,200	14,606	29,000	13,154
1-1/8"	28	3-1/2"	84	33.8	50.3	41,400	18,779	37,300	16,919
1-1/4"	30	3-3/4"	90	39.5	58.8	48,300	21,909	43,500	19,732
1-5/16"	32	4"	96	45.1	67.1	55,200	25,039	49,700	22,544
1-1/2"	36	4-1/2"	108	56.4	83.9	69,000	31,298	62,100	28,169
1-5/8"	40	5"	120	67.7	100.8	82,800	37,558	74,500	33,793
1-3/4"	44	5-1/2"	132	79.0	117.6	96,600	43,818	86,900	39,418
2"	48	6"	144	95.9	142.7	117,000	53,071	105,300	47,764
2-1/8"	52	6-1/2"	156	113.0	168.2	138,000	62,597	124,200	56,337
2-1/4"	56	7"	168	135.0	200.9	166,000	75,298	149,400	67,768
2-1/2"	60	7-1/2"	180	152.0	226.2	186,000	84,370	167,400	75,933
2-5/8"	64	8"	192	169.0	251.5	207,000	93,895	186,300	84,506
2-3/4"	68	8-1/2"	204	192.0	285.7	235,000	106,596	211,500	95,936
3"	72	9"	216	220.0	327.4	269,000	122,018	242,100	109,817
3-1/4"	80	10"	240	271.0	403.3	315,000	142,884	283,500	128,596
3-5/8"	88	11"	264	321.0	477.7	372,000	168,739	334,800	151,865
4"	96	12"	288	389.0	578.9	449,000	203,666	404,100	183,300