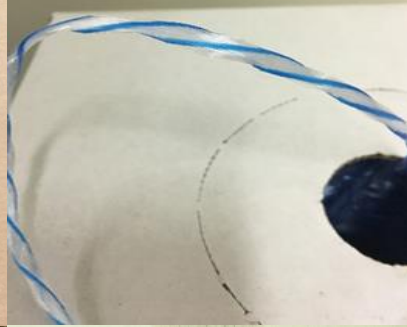




Manufactured  
Under U.S. Patent No. 2,363,468 By  
Nupak of New Orleans, Kenner, LA.



# General Industrial Catalog Amjay Ropes & Twines Limited 2018

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## Table of Contents

Certifications.....	3
Polypropylene Jumbo Reels.....	4-10
Industrial Reels.....	11-14
Color Pallet & PP Colored Ropes.....	15-16
Decorative Ropes.....	17
Underground Infrastructure Ropes.....	18
Industrial Hydro Ropes.....	19
Polyamide (Nylon) Ropes.....	20-22
Movline (Polysteel) Ropes.....	23-24
Braided Ropes.....	25-39
Paper Carrier Ropes.....	26
Manila Ropes.....	40-43
Sisal Ropes.....	44-46
Polyester Pull Tape.....	47-48
Webbing Polyester.....	49
Webbing Polypropylene.....	50
Industrial Tying Twines.....	51-52
Spiral Conduit Blowing Twine.....	53-54
Specialty Twines.....	55-58
Oakum for Chinking and Caulking.....	59-60
Specifications and Breaking Strengths.....	61-64
Distribution Centers.....	65
Contacts.....	66



COTESI



**Quality and R&D**

Closer to Customers. Farther in our Research.

Cotesi is committed to the highest level of quality in the manufacture and sale of our products. Product quality, compliance to all applicable regulatory requirements and standards, continuous improvement and customer satisfaction shall underlie all of our efforts in development, manufacturing, sales, shipping, and technical support.

Cotesi keeps its focus in the future, being in the front line of innovation and development of pioneer products, and continuously providing new solutions for the increasing demands of its Customers. Our vast experience in research and development, takes pride in the close contact to its customers. It is through this contact that we gather all the information to maintain the leadership in innovation, and above all, be able to respond most efficiently to the needs of the market.

Cotesi is an ISO9001 certified company giving you a full warranty of the highest standards of quality required for your company's success.



# 3 Strand Twisted Polypropylene Yellow Jumbo Reels

General Industrial



# 3 Strand Twisted Polypropylene Yellow Jumbo Reels

General Industrial



PP 1/8" x 3000 ft



PP 3/16" x 2125 ft



PP 1/4" x 1300 ft



PP 5/16" x 975 ft



PP 3/8" x 630 ft



PP 1/2" x 335 ft



PP 5/8" x 200 ft

# 3 Strand Twisted Polypropylene White Jumbo Reels

General Industrial



# 3 Strand Twisted Polypropylene White Jumbo Reels

## General Industrial



PP 1/8" x 3000 ft



PP 3/16" x 2125 ft



PP 1/4" x 1300 ft



PP 5/16" x 975 ft



PP 3/8" x 630 ft



PP 1/2" x 335 ft



PP 5/8" x 200 ft

# 3 Strand Twisted Polypropylene Black Jumbo Reels

General Industrial





# 3 Strand Twisted Polypropylene Black Jumbo Reels

General Industrial



PP 1/4" x 1300 ft



PP 5/16" x 975 ft



PP 3/16" x 2125 ft



Other Sizes  
Available on Order

# 3 Strand Twisted Polypropylene Different Type Reels

General Industrial



Metal Reels



Wooden Reels



Cardboard Reels



Plastic Reels

3 Strand Twisted Polypropylene  
Yellow w/Green Tracer Industrial

General Industrial



# 3 Strand Twisted Polypropylene Yellow w/Green Tracer Industrial

# General Industrial



PP 1/4" x 1200 ft Industrial  
Yellow w/Green Tracer



PP 1/4" x 5000 ft Industrial  
Yellow w/Green Tracer



PP 3/8" x 600 ft Industrial  
Yellow w/Green Tracer



PP 3/8" x 1200 ft Industrial  
Yellow w/Green Tracer



PP 3/8" x 2000 ft Industrial  
Yellow w/Green Tracer



PP 7/16" x 600 ft Industrial  
Yellow w/Green Tracer



PP 7/16" x 1200 ft Industrial  
Yellow w/Green Tracer



PP 1/2" x 600 ft Industrial  
Yellow w/Green Tracer



PP 1/2" x 1200 ft Industrial  
Yellow w/Green Tracer

# 3 Strand Twisted Polypropylene Yellow w/Green Tracer Industrial

# General Industrial



PP 5/8" x 600 ft Industrial  
Yellow w/Green Tracer



PP 5/8" x 1200 ft Industrial  
Yellow w/Green Tracer



PP 3/4" x 600 ft Industrial  
Yellow w/Green Tracer



PP 3/4" x 1200 ft Industrial  
Yellow w/Green Tracer



PP 3/4" x 2000 ft Industrial  
Yellow w/Green Tracer



PP 7/8" x 600 ft Industrial  
Yellow w/Green Tracer



PP 1" x 600 ft Industrial  
Yellow w/Green Tracer



PP 1 1/4" x 600 ft Industrial  
Yellow w/Green Tracer



PP 1 1/2" x 600 ft Industrial  
Yellow w/Green Tracer

# 3 Strand Twisted Polypropylene Yellow w/Green Tracer Industrial

General Industrial



PP 2" x 300 ft Industrial  
Yellow w/Green Tracer



PP 2" x 600 ft Industrial  
Yellow w/Green Tracer



Industrial Ropes  
Available in Coils

# 3 Strand Twisted PP Rope Color Pallet

# General Industrial



Yellow



White



Black



Cherry Pink



Green



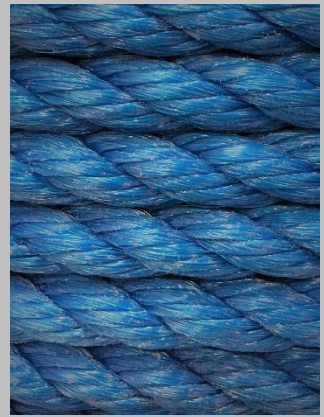
Red



Brown Unmanila



Blue



Marine Blue

# 3 Strand Twisted Colored Ropes

# General Industrial



PP 1/2" x 600 ft Green



PP 1/2" x 600 ft Blue



PP 1/2" x 600 ft Red



PP 1/2" x 600 ft Black



PP 3/8" x 1200 ft  
Black



PP 1/2" x 600 ft  
Cherry Pink



PP 1/2" x 600 ft  
Brown Unmanila



# 3 Strand Twisted Decorative Ropes

# General Industrial

Brown Unmanila Decorative



PP 1 1/4" x 300 or 600 ft Brown Unmanila  
PP 1 1/2" x 300 or 600 ft Brown Unmanila

Light Brown Unmanila Decorative



MP 1 1/4" x 300 or 600 ft Light Brown Unmanila  
MP 1 1/2" x 300 or 600 ft Light Brown Unmanila

# 3 Strand Twisted Polypropylene Underground Infrastructure Ropes

General Industrial



PP 1/4" x 5000 ft Industrial Yellow  
w/Green Tracer



PP 3/8" x 2000 ft Plain Yellow



PP 1/4" x 5000 ft Super Black  
w/Red Tracer



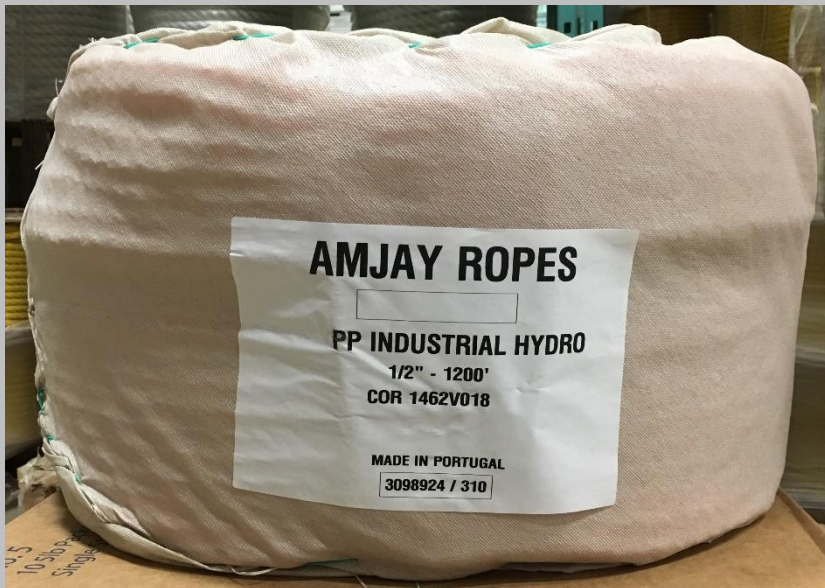
PP 3/8" x 2000 ft Super Black  
w/Green Tracer

# 3 Strand Twisted Polypropylene Industrial Hydro Ropes

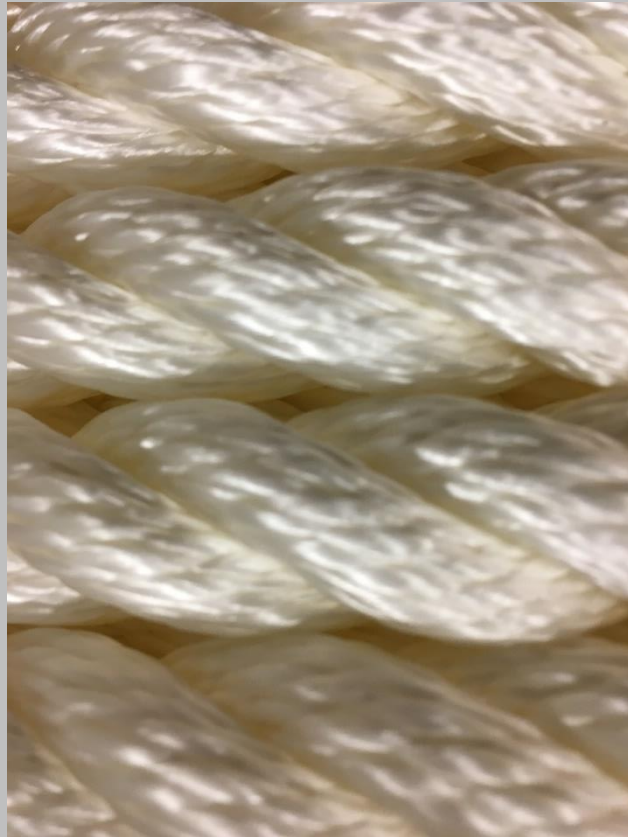
General Industrial



Hydro Ropes 3/8"x1200 ft Industrial Orange w/Red Tracer



Hydro Ropes 1/2"x1200 ft Industrial Orange w/Red Tracer



# 3 Strand Twisted Polyamide (Nylon)

# General Industrial



NL 1/4" x 1200 ft



NL 1/4" x 1300 ft



NL 5/16" x 975 ft



NL 3/8" x 300 ft



NL 3/8" x 600 ft



NL 3/8" x 1200 ft



NL 1/2" x 300 ft



NL 1/2" x 600 ft



NL 5/8" x 200 ft

# 3 Strand Twisted Polyamide (Nylon)

# General Industrial



NL 5/8" x 600 ft



NL 5/8" x 1200 ft



NL 3/4" x 600 ft



NL 3/4" x 1200 ft



NL 1" x 300 ft



NL 1" x 600 ft



NL 1 1/4" x 600 ft



NL 1 1/2" x 300 ft



NL 1 1/2" x 600 ft



# 3 Strand Twisted Movline (Polysteel)

# General Industrial



MP 5/8" x 1200 ft



MP 3/4" x 600 ft



MP 1" x 600 ft



MP 1 1/2" x 600 ft



MP 2" x 600 ft





Braided Ropes – Hollow Braided  
Polyamide (Nylon)  
Paper Carrier Ropes

General Industrial



HB NL 3/8" x 3000 ft  
HB NL 1/2" x 3000 ft



HB NL 3/8" x 3000 ft  
HB NL 1/2" x 3000 ft

HB NL 3/8" x 3000 ft : Breaking Strength 9184 lbs  
HB NL 1/2" x 3000 ft : Breaking Strength 10168 lbs

Coating : Engineered Impregnation  
Stabilization : Heat-Set Thermo Stabilization

Colors : Yellow, Red and White

# Braided Ropes HMWPE (Dyneema) On Order

# General Industrial

## D-Tech / HMWPE Ropes

For Moorings , Lifting and Fishing.

### Diameters:

From 1/4 inch to 3.9 inches.

12 strands single braided or double braided with a 32 strand cover.

### On order:

Fast Track Lead Times.

By Ship or Air Freight

## D-TECH 12 STRANDS



Made from HMWPE fibres and protected by a self unique impregnation that improves its abrasion resistance, Cotesi D-Tech ropes must be considered when high breaking strengths are required. Using a torque free 12 strands braided construction, D-Tech is stronger than steel wire of the same weight and has proven to be a cost-saving replacement for wire rope in several applications.

### Major features:

- 1/7 of the steel wire weight
- Longer life time compared to steel wire
- Low operational costs
- Low elongation
- Flexible, non kinking and non rotating
- Easy and safer handling
- Easy to splice

Raw material: HMWPE  
Specific Gravity: 0,98 (floats)  
Melting Point: 150°C  
Elongation at % of BS:  
25% ... 0,9%  
50% ... 1,6%



Diameter		Size Circ.	Weight			Breaking Load		
mm	inches	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
6	1/4	3/4	23	2,3	1,5	3.742	8.250	36,7
8	5/16	1	40	4,0	2,7	6.659	14.680	65,3
10	3/8	1 1/8	61	6,1	4,1	10.401	22.930	102,0
12	1/2	1 1/2	87	8,7	5,8	14.990	33.046	147,0
14	9/16	1 3/4	117	11,7	7,9	20.394	44.961	200,0
16	5/8	2	151	15,1	10,1	26.513	58.450	260,0
18	3/4	2 1/4	190	19,0	12,8	31.611	69.690	310,0
20	13/16	2 1/2	232	23,2	15,6	38.749	85.426	380,0
22	7/8	2 3/4	281	28,1	18,9	45.887	101.163	450,0
24	1	3	331	33,1	22,2	53.025	116.899	520,0
26	1 1/32	3 1/4	384	38,4	25,8	61.183	134.884	600,0
28	1 1/8	3 1/2	445	44,5	29,9	69.341	152.868	680,0
30	1 1/4	3 3/4	506	50,6	34,0	78.518	173.101	770,0
32	1 5/16	4	575	57,5	38,6	88.716	195.581	870,0
34	1 11/32	4 1/4	648	64,8	43,5	97.893	215.814	960,0
36	1 1/2	4 1/2	720	72,0	48,4	106.051	233.798	1040,0
38	1 9/16	4 3/4	798	79,8	53,6	118.288	260.775	1160,0
40	1 5/8	5	881	88,1	59,2	128.485	283.256	1260,0
44	1 3/4	5 1/2	1060	106,0	71,2	148.879	328.217	1460,0
48	2	6	1250	125,0	84,0	173.352	382.170	1700,0
52	2 1/8	6 1/2	1460	146,0	98,1	200.885	442.868	1970,0
56	2 1/4	7	1690	169,0	113,6	230.457	508.062	2260,0
60	2 1/2	7 1/2	1930	193,0	129,7	257.989	568.759	2530,0
64	2 5/8	8	2200	220,0	147,8	289.600	638.449	2840,0
68	2 3/4	8 1/2	2480	248,0	166,6	323.251	712.635	3170,0

In accordance to ISO 10325-2009  
Breaking load values stated shall be reduced by 10 % in the case of a rope with eye-spliced terminations.

# Braided Ropes – Double Braided Polyester

# General Industrial



DB Polyester #10  
5/16" x 600 ft



DB Polyester #12  
3/8" x 200 ft



DB Polyester #12  
3/8" x 300 ft



DB Polyester #12  
3/8" x 600 ft



DB Polyester 7/16"  
x 300 ft Black



DB Polyester  
1/2" x 200 ft



DB Polyester  
1/2" x 200 ft



DB Polyester  
1/2" x 600 ft



DB Polyester  
1/2" x 1200 ft

# Braided Ropes – Double Braided Polyester

# General Industrial



DB Polyester  
5/8" x 300 ft



DB Polyester  
5/8" x 600 ft



DB Polyester  
5/8" x 1200 ft



DB Polyester  
3/4" x 300 ft



DB Polyester  
3/4" x 600 ft



DB Polyester  
3/4" x 1200 ft



DB Polyester  
1" x 600 ft

## Braided Ropes - Double Braided Nylon

## General Industrial



DB Nylon #6  
3/16" x 1000 ft



DB Nylon #8  
1/4" x 600 ft



DB Nylon #10  
5/16" x 600 ft



DB Nylon #12  
3/8" x 600 ft Black



DB Nylon 7/16"  
x 600 ft Black



DB Nylon  
1/2" x 200 ft



DB Nylon  
1/2" x 300 ft



DB Nylon  
1/2" x 600 ft



DB Nylon 1/2"  
x 600 ft Black

# Braided Ropes - Double Braided Nylon

# General Industrial



DB Nylon  
1/2" x 1200 ft



DB Nylon  
5/8" x 250 ft



DB Nylon  
5/8" x 600 ft



DB Nylon  
5/8" x 1200 ft



DB Nylon  
3/4" x 300 ft



DB Nylon  
3/4" x 600 ft



DB Nylon  
3/4" x 1200 ft



DB Nylon  
1" x 600 ft

# Braided Ropes – Hollow Braided PP

# General Industrial



HB PP #6  
3/16"x 1000 ft



HB PP #8  
1/4"x 1300 ft



HB PP #8 1/4"x  
1300 ft Yellow



HB PP #12 3/8"x  
1000 ft Black



HB PP #12  
3/8"x 1000 ft



HB PP 1/2"x  
500 ft Blue



HB PP  
1/2"x 500 ft



# Braided Ropes – Hollow Braided Polyester

# General Industrial



HB Polyester #6  
3/16" x 1000 ft



HB Polyester #12  
3/8" x 1000 ft



HB Polyester  
1/2" x 500 ft



HB Polyester  
1/2" x 500 ft Red



HB Polyester  
1/2" x 1000 ft

# Braided Ropes – Solid Braided Nylon

# General Industrial



SB Nylon #2  
1/16" x 500 ft



SB Nylon #2  
1/16" x 2000 ft



SB Nylon #4  
1/8" x 250 ft



SB Nylon #4  
1/8" x 500 feet



SB Nylon #4  
1/8" x 1000 ft



SB Nylon #4 1/8"  
x 1000 ft Black



SB Nylon #5  
5/32" x 250 ft



SB Nylon #5  
5/32" x 500 ft



SB Nylon #5  
5/32" x 1000 ft

# Braided Ropes – Solid Braided Nylon

# General Industrial



SB Nylon #6  
3/16" x 250 ft



SB Nylon #6  
3/16" x 500 ft



SB Nylon #6  
3/16" x 1000 ft



SB Nylon #8  
1/4" x 250 ft



SB Nylon #8  
1/4" x 500 ft



SB Nylon #8  
1/4" x 1000 ft



SB Nylon #8 1/4"  
x 1000 ft Black



SB Nylon #10  
5/16" x 600 ft



SB Nylon #12  
3/8" x 300 ft



SB Nylon #12  
3/8" x 600 ft



SB Nylon 7/16" x 600 ft

# Braided Ropes – Solid Braided Polyester

# General Industrial



SB Polyester #2  
1/16" x 2000 ft



SB Polyester #6  
3/16" x 500 ft



SB Polyester #6  
3/16" x 500 ft Black



SB Polyester #8  
1/4" x 250 ft



SB Polyester #8  
1/4" x 250 ft Black



SB Polyester #8  
1/4" x 500 ft Black



SB Polyester #8  
1/4" x 600 ft



SB Polyester #8  
1/4" x 1000 ft



SB Polyester #10  
5/16" x 600 ft

# Braided Ropes – Solid Braided Multipro

# General Industrial



SB Multipro #4  
1/8" x 1000 ft



SB Multipro #8  
1/4" x 250 ft



SB Multipro #8  
1/4" x 600 ft



SB Multipro 1/2" x 400 ft



Bungy Shock Cord  
1/4" x 500 ft



Bungy Shock Cord  
1/4" x 1000 ft



Bungy Shock Cord  
5/16" x 500 ft



Bungy Shock Cord  
5/16" x 1000 ft



Bungy Shock Cord  
3/8" x 500 ft





# Manila Ropes

# General Industrial



Manila 1/4" x 1200 ft Coil



Manila 1/4" x 1250 ft Coil



Manila 1/4" x 1250 ft Coil



Manila 3/8" x 600 ft Carton



Manila 3/8" x 1000 ft Coil



Manila 3/8" x 1200 ft Coil



Manila 1/2" x 600 ft Carton



Manila 1/2" x 1000 ft Coil



Manila 5/8" x 600 ft Coil

# Manila Ropes

# General Industrial



Manila 5/8" x 1200 ft Coil



Manila 3/4" x 600 ft Coil



Manila 3/4" x 1200 ft Coil



Manila 7/8" x 600 ft Coil



Manila 1" x 600 ft Coil



Manila 1 1/4" x 600 ft Coil



Manila 1 1/2" x 600 ft Coil



Manila 2 " x 600 ft Coil



Manila 2 " x 600 ft "S" Lay Coil





Sisal 1/4" x 1500 ft in Carton



Sisal 3/8" x 1220 ft in Carton



Sisal 1/2" x 665 ft in Carton



Sisal 1/2" x 665 ft on Reel



Sisal 5/16" x 5856 ft Super Jumbo Coil



7 Ply Many End Sisal

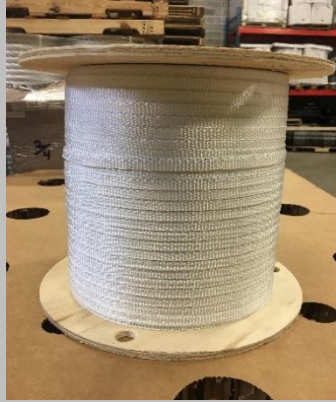


# Polyester Pull Tape

# General Industrial



Polyester Pull Tape  
1/2" x 3000 ft White



Polyester Pull Tape  
5/8" x 3000 ft White



Polyester Pull Tape  
3/4" x 3000 ft White



Polyester Pull Tape  
1/2" x 3000 ft Green



Polyester Pull Tape 5/8"  
x 3000 ft Green





Webbing Polyester 2" x 1000 ft continuous in Carton

# Webbing Polypropylene

# General Industrial



Webbing Polypropylene  
13 mm – ½ inch x 492 ft



Webbing Polypropylene  
19 mm – ¾ inch x 164 ft



Polypropylene Flag Pole Tape 63mm – 100 m roll



# Industrial Tying Twines

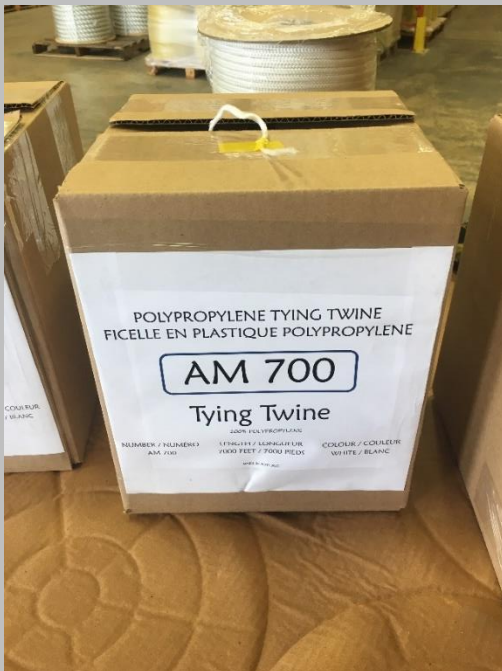
# General Industrial



AM 150 Industrial Tying Twine 1500 ft



TT 450 Industrial Tying Twine 4500 ft



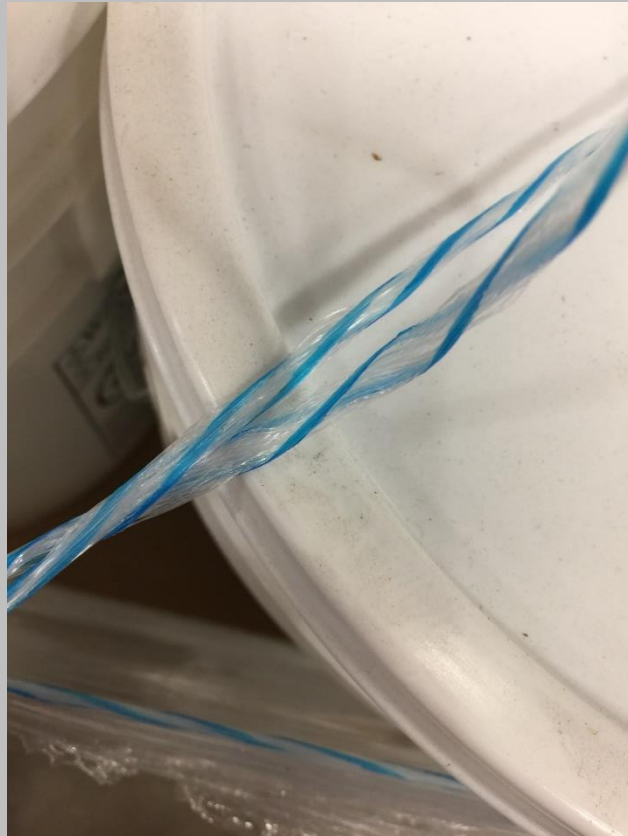
AM 700 Industrial Tying Twine 7000 ft



AM 900 Industrial Tying Twine 9000 ft

Monofilament Polypropylene  
Spiral Conduit Blowing Twines

General Industrial



# Monofilament Polypropylene Spiral Conduit Blowing Twines

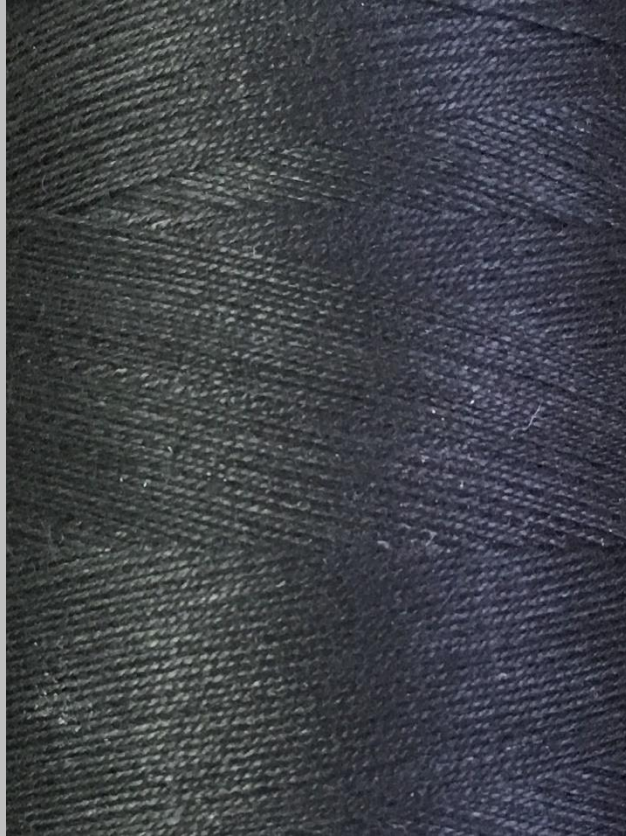
General Industrial



M240 Spiral Conduit Twine 5250 ft Carton



M210 Spiral Conduit Twine 6500 ft Pail



Specialty Twines  
Industrial Compactor Twines

General Industrial



Original Forrages Compactor Twine  
6180 ft/677 lb knot strength (59,5 lbs)



Original Biomasa Compactor Twine  
4856 ft/860 lb knot strength (59,5 lbs)



Extra Heavy Sisal Compactor Twine 70 m/Kg



## Specialty Twines

## General Industrial



Tex 180 Jasmin Linker Soft  
Butcher Twine



Polyester Cinching  
Furniture Twine



Waxed Linen Lacing Cord 900 ft



Spun Polyester Mason  
Line Cherry Red

## Specialty Twines Bagging Thread

## General Industrial



Tex 210 Excell 1000 Yards



Tex 240 Spun Poly 1000 Yards



Tex 210 Excell 3000 Yards Black

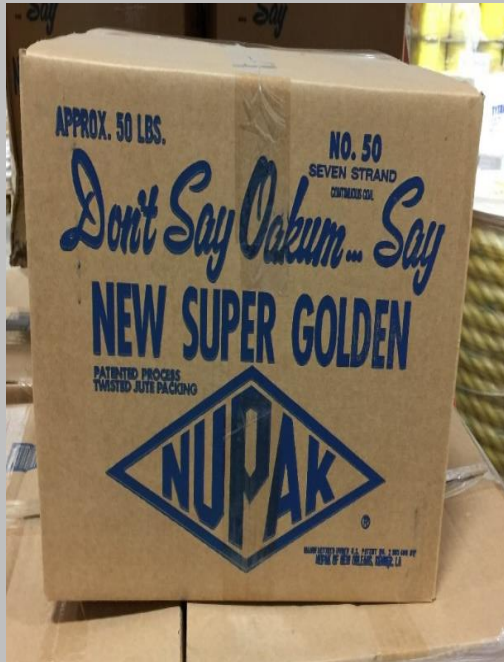


Tex 210 Excell 20 lb Cone

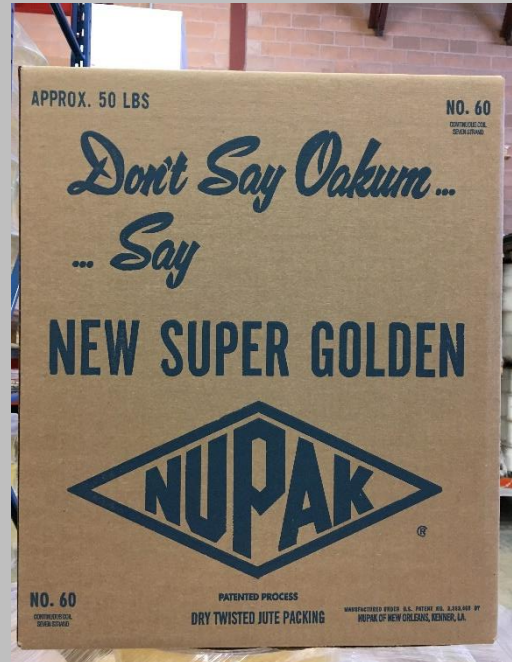




Oakum #5 : 10 x 5 lb boxes to 1 Master Carton  
Approximately 13 Strands to a 5 lb box. (oiled)



Oakum #50 : Coil of 7 Strands  
Twisted together. 50 lbs and 50 ft in  
length with 2" in diameter. (oiled)



Oakum #60 : Coil of 7 to 8 Strands  
Twisted together. 50 lbs and 100 ft  
in length with 2" in diameter.(dry)

## PP MONO 3/4 STRANDS



A twisted rope made from high tenacity polypropylene monofilaments yarns, its balanced construction results in a high strength and light weighted rope with good abrasion resistance and good elongation being a good compromise on a price/quality ratio.

**Major features:**

Light weight  
Good elongation  
Good abrasion resistance

Raw material: Polyethylene Monofilament  
Specific Gravity: 0,91  
Melting Point: 165°C  
Elongation at % of BS:  
25% .... 6,5%  
50% .... 12,0%

**Main applications:**

Tie-up lines  
Deck general lines

Diameter		Size Circ.	Weight			Breaking Load		
mm	inches	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	3	7,23	0,7	0,5	283	625	2,8
5	3/16	3 1/4	11,3	1,1	0,8	431	951	4,2
6	1/4	3 1/2	16,3	1,6	1,1	604	1.331	5,9
8	5/16	3 3/4	28,9	2,9	1,9	1.030	2.271	10,1
10	3/8	4	45,2	4,5	3,0	1.570	3.462	15,4
12	1/2	4 1/2	65,1	6,5	4,4	2.203	4.856	21,6
14	9/16	5	88,6	8,9	6,0	2.947	6.497	28,9
16	5/8	5 1/2	116	11,6	7,8	3.773	8.318	37,0
18	3/4	6	146	14,6	9,8	4.711	10.386	46,2
20	13/16	3	181	18,1	12,2	5.721	12.612	56,1
22	7/8	3 1/4	219	21,9	14,7	6.842	15.084	67,1
24	1	3	260	26,0	17,5	8.035	17.715	78,8
26	1 1/32	3 1/4	306	30,6	20,6	9.330	20.570	91,5
28	1 1/8	3 1/2	354	35,4	23,8	10.707	23.605	105,0
30	1 1/4	3 3/4	407	40,7	27,3	12.135	26.752	119,0
32	1 5/16	4	463	46,3	31,1	13.664	30.124	134,0
34	1 11/32	4 1/4	525	52,5	35,3	15.398	33.946	151,0
36	1 1/2	4 1/2	586	58,6	39,4	17.029	37.543	167,0
38	1 9/16	4 3/4	655	65,5	44,0	18.967	41.814	186,0
40	1 5/8	5	723	72,3	48,6	20.802	45.860	204,0
44	1 3/4	5 1/2	875	87,5	58,8	24.779	54.628	243,0
48	2	6	1040	104,0	69,9	29.164	64.295	286,0
52	2 1/8	6 1/2	1220	122,0	82,0	33.855	74.636	332,0
56	2 1/4	7	1420	142,0	95,4	38.851	85.651	381,0
60	2 1/2	7 1/2	1630	163,0	109,5	44.154	97.341	433,0

## POLYAMIDE 3/4 STRANDS



Polyamide ropes provides high breaking strengths while its high elongation works as an excellent energy absorber. Its very good abrasion and heat resistance are enhanced by a twisted balanced construction, even in wet conditions, while the quality of fibers insure a perfect twist and lay tension reducing natural shrinkage in use.

### Major features:

- Good abrasion and wear resistance even in wet conditions
- Excellent shock mitigation
- Good UV resistance
- Flexible and smooth construction

### Raw material: Polyamide

- Specific Gravity: 1,14
- Melting Point: 260°C
- Elongation at % of BS:
- 25% .... 12,5%
- 50% .... 20,0%

### Main applications:

- Mooring lines
- Anchor lines
- Shock lines
- Deck lines

Diameter		Size Circ.	Weight			Breaking Load		
mm	inches	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	3	9,87	1,0	0,7	377	832	3,7
5	3/16	3 1/4	15,4	1,5	1,0	575	1.268	5,6
6	1/4	3 1/2	22,2	2,2	1,5	809	1.783	7,9
8	5/16	3 3/4	39,5	4,0	2,7	1.407	3.102	13,8
10	3/8	4	61,7	6,2	4,1	2.162	4.766	21,2
12	1/2	4 1/2	88,8	8,9	6,0	3.069	6.767	30,1
14	9/16	5	121	12,1	8,1	4.079	8.992	40,0
16	5/8	5 1/2	158	15,8	10,6	5.292	11.667	51,9
18	3/4	6	200	20,0	13,4	6.557	14.455	64,3
20	13/16	3	247	24,7	16,6	8.076	17.805	79,2
22	7/8	3 1/4	299	29,9	20,1	9.585	21.132	94,0
24	1	3	355	35,5	23,9	11.421	25.178	112,0
26	1 1/32	3 1/4	417	41,7	28,0	13.154	29.000	129,0
28	1 1/8	3 1/2	484	48,4	32,5	15.194	33.496	149,0
30	1 1/4	3 3/4	555	55,5	37,3	17.233	37.992	169,0
32	1 5/16	4	632	63,2	42,5	19.579	43.163	192,0
34	1 11/32	4 1/4	716	71,6	48,1	22.026	48.558	216,0
36	1 1/2	4 1/2	800	80,0	53,8	24.473	53.953	240,0
38	1 9/16	4 3/4	894	89,4	60,1	27.227	60.023	267,0
40	1 5/8	5	987	98,7	66,3	29.980	66.093	294,0
44	1 3/4	5 1/2	1190	119,0	80,0	35.792	78.907	351,0
48	2	6	1420	142,0	95,4	42.012	92.620	412,0
52	2 1/8	6 1/2	1670	167,0	112,2	48.845	107.682	479,0
56	2 1/4	7	1930	193,0	129,7	56.085	123.643	550,0
60	2 1/2	7 1/2	2220	222,0	149,2	63.936	140.953	627,0
64	2 5/8	8	2530	253,0	170,0	72.298	159.387	709,0
68	2 3/4	8 1/2	2865	286,5	192,5	81.374	179.395	798,0
72	2 7/8	9	3200	320,0	215,0	90.449	199.403	887,0
80	3 1/4	10	3950	395,0	265,4	110.130	242.790	1080,0
90	3 9/16	11 1/8	5008	500,8	336,5	138.478	305.287	1358,0

## MOVLIN PLUS 3/4 STRANDS



Movline Plus ropes are made from a high tenacity composite fiber extruded on a custom-built extrusion process. This extremely strong bi-polymer and its balanced twisted construction, result on a rope with good wear resistance and exceptional gripping capabilities that are enhanced by the outer fuzzy surface developed in use, also protecting the inner fibers against abrasion.

### Major features:

- High abrasion and wear resistance
- High strength floating line
- No water absorption
- Good UV resistance

Raw material: Mixed Polyolefin  
 Specific Gravity: 0,94  
 Melting Point: 165°C  
 Elongation at % of BS:  
 25% ... 6,0%  
 50% ... 11,5%

### Main applications:

- Tie up and Mooring lines
- General deck lines
- Towing lines

Diameter		Size Circ.	Weight			Breaking Load		
mm	inches	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	3	8	0,8	0,5	337	742	3,3
5	3/16	3 1/4	12	1,2	0,8	510	1.124	5,0
6	1/4	3 1/2	16	1,6	1,1	689	1.520	6,8
8	5/16	3 3/4	29	2,9	1,9	1.193	2.630	11,7
10	3/8	4	45	4,5	3,0	1.835	4.047	18,0
12	1/2	4 1/2	65	6,5	4,4	2.590	5.710	25,4
14	9/16	5	88	8,8	5,9	3.467	7.643	34,0
16	5/8	5 1/2	116	11,6	7,8	4.436	9.779	43,5
18	3/4	6	147	14,7	9,9	5.557	12.252	54,5
20	13/16	3	181	18,1	12,2	6.751	14.882	66,2
22	7/8	3 1/4	219	21,9	14,7	8.066	17.782	79,1
24	1	3	261	26,1	17,5	9.463	20.862	92,8
26	1 1/32	3 1/4	306	30,6	20,6	10.911	24.054	107,0
28	1 1/8	3 1/2	355	35,5	23,9	12.543	27.651	123,0
30	1 1/4	3 3/4	408	40,8	27,4	14.276	31.473	140,0
32	1 5/16	4	464	46,4	31,2	16.010	35.295	157,0
34	1 11/32	4 1/4	525	52,5	35,3	17.845	39.341	175,0
36	1 1/2	4 1/2	587	58,7	39,4	19.783	43.612	194,0
38	1 9/16	4 3/4	656	65,6	44,1	21.822	48.108	214,0
40	1 5/8	5	725	72,5	48,7	23.861	52.605	234,0
44	1 3/4	5 1/2	877	87,7	58,9	28.246	62.271	277,0
48	2	6	1040	104,0	69,9	33.141	73.062	325,0
52	2 1/8	6 1/2	1220	122,0	82,0	38.341	84.527	376,0
56	2 1/4	7	1420	142,0	95,4	43.746	96.442	429,0
60	2 1/2	7 1/2	1630	163,0	109,5	49.558	109.256	486,0
64	2 5/8	8	1860	186,0	125,0	55.473	122.294	544,0
68	2 3/4	8 1/2	2100	210,0	141,1	62.101	136.907	609,0
72	2 7/8	9	2350	235,0	157,9	69.035	152.194	677,0
80	3 1/4	10	2900	290,0	194,9	83.413	183.891	818,0
90	3 9/16	11 1/8	3750	375,0	252,0	107.886	237.845	1058,0

In accordance to ISO 10572-2009

Above breaking loads are for 3 strand ropes. On 4 strand ropes, breaking loads are approximately 10% lower.

**SISAL 3/4 STRANDS**

Traditional ropes made from a blend of selected natural fibers, with good abrasion resistance and low elongation, are bio degradable and non-polluting, and are excellent for classic old fashion ships. A special colour treatment can be applied upon request to match natural colour of manila fiber.

**Major features:**

Low elongation  
Bio degradable, non polluting  
Do not slip  
Good UV resistance

Raw material: Sisal  
Specific Gravity: 1,38  
Melting Point: 165°C  
Elongation at % of BS:  
25% ... 4,0%  
50% ... 7,0%

**Major features:**

Classic Vessels  
Tie-up lines

Diameter		Size Circ.	Weight			Breaking Load		
mm	inches	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	1/2	15	1,5	1,0	153	337	1,5
5	3/16	5/8	17,3	1,7	1,2	186	409	1,8
6	1/4	3/4	24,9	2,5	1,7	263	580	2,6
8	5/16	1	44,4	4,4	3,0	459	1.012	4,5
10	3/8	1 1/4	69,3	6,9	4,7	707	1.558	6,9
12	1/2	1 1/2	99,8	10,0	6,7	1.005	2.217	9,9
14	9/16	1 3/4	136	13,6	9,1	1.356	2.990	13,3
16	5/8	2	177	17,7	11,9	1.754	3.867	17,2
18	3/4	2 1/4	225	22,5	15,1	2.203	4.856	21,6
20	13/16	2 1/2	277	27,7	18,6	2.702	5.957	26,5
22	7/8	2 3/4	335	33,5	22,5	3.253	7.171	31,9
24	1	3	399	39,9	26,8	3.855	8.498	37,8
26	1 1/32	3 1/4	468	46,8	31,4	4.507	9.936	44,2
28	1 1/8	3 1/2	543	54,3	36,5	5.201	11.465	51,0
30	1 1/4	3 3/4	624	62,4	41,9	5.945	13.106	58,3
32	1 5/16	4	710	71,0	47,7	6.730	14.837	66,0
34	1 11/32	4 1/4	804	80,4	54,0	7.546	16.636	74,0
36	1 1/2	4 1/2	898	89,8	60,3	8.453	18.636	82,9
38	1 9/16	4 3/4	1004	100,4	67,5	9.381	20.682	92,0
40	1 5/8	5	1110	111,0	74,6	10.401	22.930	102,0
44	1 3/4	5 1/2	1340	134,0	90,0	12.441	27.426	122,0
48	2	6	1600	160,0	107,5	14.786	32.597	145,0
52	2 1/8	6 1/2	1870	187,0	125,7	17.233	37.992	169,0
56	2 1/4	7	2170	217,0	145,8	19.885	43.837	195,0
60	2 1/2	7 1/2	2490	249,0	167,3	22.740	50.132	223,0
64	2 5/8	8	2840	284,0	190,8	25.799	56.876	253,0
68	2 3/4	8 1/2	3200	320,0	215,0	28.960	63.845	284,0
72	2 7/8	9	3590	359,0	241,2	32.325	71.264	317,0





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