



# Azuka

**STRENGTH & LONG LIFE**



AGRICULTURE



INDUSTRIAL



POWER  
TRANSMISSION



TELECOMMUNICATION



TEXTILES & YARNS



FISHERIES



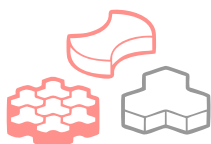
SPORTS

2024



## THREE COMPANIES with ONE Mission

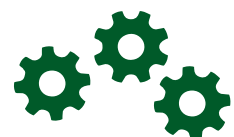
We believe in only making products that  
we can stand by proudly



[www.ntctiles.com](http://www.ntctiles.com)



[www.azukaropes.com](http://www.azukaropes.com)



[www.lastinglabs.com](http://www.lastinglabs.com)

***Culture Statement = One Team One Dream***

## OUR MISSION

At Azuka, our mission is to be the world leading manufacturer of Ropes, Nets & Twines in Quantity, Quality & Product Development. Using our product portfolio, quality policies, management standards, financial capabilities, innovative product development & impactful strategies, our mission is to become the world's most trusted and reliable brand.

## OUR VISION

### VALUES

Reliable	Innovative	Excellence	Embrace & Drive Change	Pursue Growth & Learning
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### FOCUS AREAS

Customer Service	Product Development	Employee Growth	Good Consistent Quality	One Stop solution for all needs
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### STRATEGIC OBJECTIVES

Solving customer problems by developing new products	Maintaining inventory to serve customer better	Adding products to our list to make us one stop solution for our clients	Strict Compliance of quality & Management policies	To develop leadership abilities & Potential of our team
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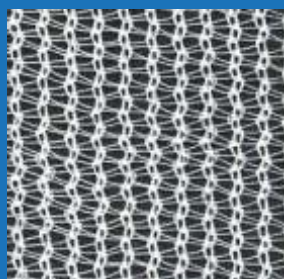
### GOALS

Encourage smart growth	Delight our customers	Build Amazing Product	Support the community	Quality Sales
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## AGRICULTURE SHADE NET

SHADING(%)	WEIGHT(g/m <sup>2</sup> )
20%	70GSM
40%	100GSM
<b>50%</b>	<b>125GSM</b>
75%	310GSM
90%	460GSM



MONOTEX  
TECHNOLOGY

### HIGH STRENGTH

Completely strong & rigid to survive harsh Conditions



### UV PROTECTED

UV stabilised grade fabric to give high service life



### EXTRA LENGTH

Extra length & width in every bundle





# ANTI HAIL NET



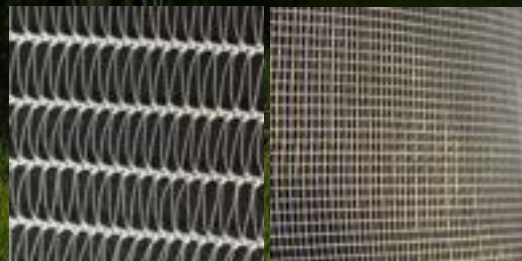
HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH



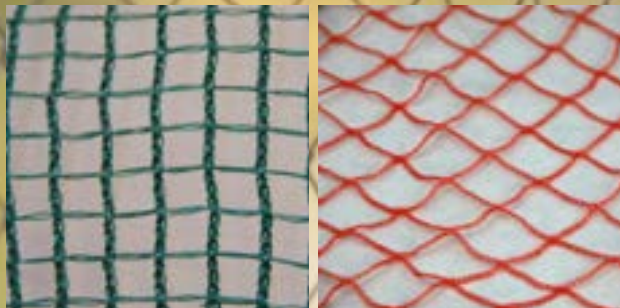
Heavy Selvedge

Reinforcement Bars

MONOTX  
TECHNOLOGY



# ANTI BIRD NET



Square Pattern

Diamond Pattern

Easy Install

Made from High Tenacity & UV Treated Yarns

## HIGH STRENGTH

Completely strong & rigid to survive Harsh Conditions



## UV PROTECTED

UV stabilised grade fabric to give High Service Life



## EXTRA LENGTH

Extra Length & Width in every Bundle





# INSECT NET



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH



40 mesh, 105 GSM

5 Years Life

Good Ventilation



## UHMWPE ROPE

Rope Size (mm)	Traneema Rope		Steel Rope	
	Weight (Kg/1000mtr)	Breaking Strength(kgf)	Weight (Kg/1000mtr)	Breaking Strength(kgf)
4mm	8	1600	44	1400
6mm	29	2600	110	2244
8mm	45	4400	220	4284
10mm	65	6500	350	6936
12mm	98	10000	490	9180
14mm	155	14000	610	11934
16mm	188	18500	840	16320
18mm	250	21500	1210	22950
20mm	353	29500	1240	26724
22mm	385	38000	1760	38250
24mm	480	46000	1980	41718
26mm	575	54000	2330	48858

**V. High Tenacity**

**Replacement for Steel Wire Ropes**





# POLYESTER ROPE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH

Diameter (mm)	Weight (Kg/220m)	Breaking Strength(kgf)
4	2.596	295.7
6	5.94	564.9
8	10.56	1019.7
10	16.72	1590.7
12	24.2	2273.9
14	32.56	3181.5
16	42.9	4058.4
18	53.9	5078.1
20	66.66	6352.8
22	80.74	7617.2
24	96.14	9136.6
26	112.64	10707
28	130.68	12236.5
30	150.04	13664.1
32	171.16	15703.6

IS 11066-2022



CM/L-9100182558





## POLYPROPYLENE ROPE



Polypropylene Rope Size	Coil Weight 220 metres	Breaking Strength Polypropylene Rope	Breaking Strength Polyolefin Rope
4 mm	1.63 kg	214 kgf	305 kgf
6 mm	3.67 kg	602 kgf	675 kgf
8 mm	6.60 kg	1060 kgf	1215 kgf
10 mm	10.00 kg	1560 kgf	1845 kgf
12 mm	14.50 kg	2210 kgf	2700 kgf
14 mm	20.00 kg	3050 kgf	3690 kgf
16 mm	25.50 kg	3770 kgf	4320 kgf
18 mm	32.50 kg	4810 kgf	5490 kgf
20 mm	40.00 kg	5800 kgf	6840 kgf
22 mm	48.50 kg	6960 kgf	8370 kgf
24 mm	57.00 kg	8130 kgf	9450 kgf
28 mm	78.00 kg	10700 kgf	13050 kgf
32 mm	101.00 kg	13500 kgf	16650 kgf



# POLYOLEFIN ROPE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH

15% Stronger

Highly Flexible

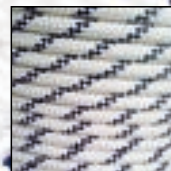
Soft to handle

Lighter Weight



# KERNMANTLE ROPE

Diameter Inches (mm)		Minimum Spliced Break Strength*		Weight	
		Lbs	Kg	Lbs/ 100ft	Kg/ 100mm
5/16	(8.0)	3,420	1,550	2.8	4.2
3/8	(9.0)	4,500	2,040	4.4	6.6
7/16	(11.0)	6,750	3,060	5.8	8.6
1/2	(12.0)	9,900	4,490	7.6	11.3
9/16	(14.0)	13,500	6,125	9.7	14.4
5/8	(16.0)	17,010	7,720	13.3	19.8



**Nylon 6/66**

**Polyester MF**

**Braided Cover Core**

Made from High Tenacity Imported Multifilament  
corels as per international standards

## HIGH STRENGTH

Completely strong & rigid to  
survive Harsh Conditions



## UV PROTECTED

UV stabilised grade fabric to  
give High Service Life



## EXTRA LENGTH

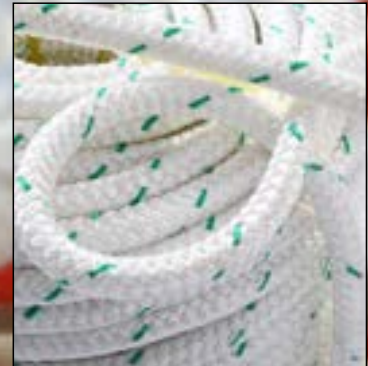
Extra Length & Width in every  
Bundle





# DOUBLE BRAIDED ROPE

Specification		PA multifilament		Polyester		PP multifilament	
dia	cir	ktex	kn	ktex	kn	ktex	kn
4	1/2	10.3	3.7	12.2	3.2	8.4	2.4
6	3/4	23	8.3	27.4	7.2	18.8	5.4
8	1	41	15	49	13	33	9.6
10	1-1/4	64	23	76	20	52	15
12	1-1/2	92	33	109	29	75	22
14	1-3/4	126	45	149	39	102	29
16	2	164	59	195	51	133	38
18	2-1/4	207	75	246	65	168	49
20	2-1/2	255	92	304	80	208	60
22	2-3/4	309	111	368	97	252	73
24	3	368	127	440	114	299	86





# SISAL ROPE

Reference Number (Diameter) mm	No. of Yarns per Stran, <i>Min</i>	Linear Density ktex (g/m)	Breaking Strength, <i>Min</i> kN (kgf)
6	2	29	2.550 (260)
8	3	54	4.735 (483)
10	4	68	6.226 (635)
12	6	105	9.363 (955)
14	8	140	12.698 (1 285)
16	10	190	17.696 (1 804)
18	13	220	20.932 (2 134)
20	16	275	27.981 (2 853)
22	19	330	33.383 (3 404)
24	23	400	39.853 (4 064)
26	27	470	46.324 (4 724)
28	31	532	52.206 (5 323)
30	36	625	59.755 (6 093)
32	41	700	67.255 (6 858)





# POLYDACRON ROPE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH

Diameter (mm)	Coil Weight (100m)	Breaking Strength (kN)	Breaking Strength (kgf)
3	0.5	1.716	175
4	0.9	3.090	315
6	2.0	6.864	700
8	3.8	13.043	1330
10	5.5	19.221	1980
12	8.0	27.949	2850
14	10.9	38.198	3895
16	14.1	49.377	5035
18	17.8	62.420	6365
20	22.1	77.327	7885
22	26.8	93.165	9500
24	31.9	111.798	11400
26	37.4	126.704	12920
28	43.4	147.200	15010
30	49.7	163.038	16625
32	56.5	186.329	19000

# POLYAMIDE ROPE

Nominal Diameter (mm)	Mass per coil (220m Length) (kg)	Breaking Strength Min. (kgf)
4	2.30	320
6	4.95	750
8	8.80	1345
10	13.6	2088
12	19.6	2995
14	26.8	4095
16	35.0	5300
18	44.0	6695
20	54.0	8300
22	66.0	10000
24	78.0	12000
26	92.4	13950
28	107.0	15800
30	122.1	17755
32	139.0	20000

Nylon 6/66

High Tenacity

High UV Stability

Made from High Tenacity Multifilament Imported Chord, as per international standards

## HIGH STRENGTH

Completely strong & rigid to survive Harsh Conditions



## UV PROTECTED

UV stabilised grade fabric to give High Service Life



## EXTRA LENGTH

Extra Length & Width in every Bundle





# POLYETHYLENE ROPE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH

PE Rope (Dia Size)	Coil Weight (100 Yards)
1.5 mm	0.12 kg
2.0 mm	0.20 kg
2.5 mm	0.25 kg
3.0 mm	0.42 kg
4.0 mm	0.74 kg
5.0 mm	1.16 kg
6.0 mm	1.50 kg
8.0 mm	2.68 kg
10.0 mm	4.20 kg
12.0 mm	6.20 kg
14.0 mm	8.30 kg
16.0 mm	11.30 kg
18.0 mm	15.20 kg
20.0 mm	18.75 kg
22.0 mm	22.20 kg
24.0 mm	25.70 kg

# FAST ROPE - EST

Fast Rope with Eye Splice End Termination



## BENEFITS/ FEATURES

- Excellent Strength
- Excellent Abrasion Resistance
- Excellent Breaking Load
- Excellent Durability
- Flexible, Easy to Handle and Splice in use
- Protected Spliced Eyes at Each End
- Wet Strength Equal to Dry Strength

## SPECIFICATIONS

Construction	8 Strand Braided		
Material	High Tenacity Nylon		
Colour	Olive Green		
Length	15m, 20m, 30m and 35m		
Elongation (at 50% of BS)	23.40%		
Termination	Eye Splice in Both Ends with Protective Sleeve		
Eye Splice Size	180 mm		
Abrasion Resistance	Good		

Size (mm)	Linear Density (g/m)	Minimum Breaking Strength (kgf)	Safe Working Load (kgf)
30	460	9000	1500
32	560	10500	1750
40	760	13000	2000



\*Accessories available on Request



# ROPE CONSTRUCTION



## Characteristic Comparison Table of Ropes

FIBER TYPE	Nylon	Polyester	Polypropylene	Polydac	Manila/ Sisal	Cotton
Wet Strength Vs Dry Strength	1	1	3	4	5	6
Shock Load Ability	85%	100%	100%	100%	115%	115%
Floats or Sinks in Water	SINKS	SINKS	FLOATS	FLOATS	SINKS	SINKS
Elongation at Break	20%-34%	15%-20%	15%-20%	10%- 15%	10%- 15%	5%- 10%
Water Absorption	3%	1%	ZERO	1%	100%	100%
Melting Point	480°F	500°F	330°F	275°F	Does not Melt Chars at 350°F	Does not Melt Chars at 350°F
Abrasion Resistance	2	1	4	5	3	3
Resistance to Sunlight	Good	Excellent	Poor	Fair	Good	Good
Resistance to ROT	Excellent	Excellent	Excellent	Excellent	Poor	Poor
Resistance to Acids	Poor	Good	Good	Good	Poor	Poor
Resistance to Alkaus	Good	Poor	Good	Good	Poor	Poor
Resistance to Oil & Gas	Good	Good	Good	Good	Poor	Poor
Electrical Conductivity Resistance	Poor	Good	Good	Good	Poor	Poor
Flexing Endurance	1	2	3	6	4	5
Specific Gravity	1.14	1.38	.90	.95	1.38	1.54
Storage Requirements	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry	Wet or Dry



# REAPER BINDER TWINE



DANTX TECHNOLOGY

Manufactured using DanTX Technology, giving high strength & low stretch. The winding is done in a very compact such that the spool runs completely uninterrupted till end.

## HIGH STRENGTH

Completely strong & rigid to survive Harsh Conditions



## UV PROTECTED

UV stabilised grade fabric to give High Service Life




## EXTRA LENGTH

Extra Length & Width in every Bundle





# HAY BAILING TWINE



Denier Size	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
5000 D	1800 m/kg	29 kgf	16 kgf
6000 D	1500 m/kg	33 kgf	17 kgf
7000 D	1300 m/kg	39 kgf	20 kgf
9000 D	1000 m/kg	52 kgf	27 kgf
11250 D	800 m/kg	62 kgf	31 kgf
12000 D	750 m/kg	68 kgf	34 kgf
13000 D	700 m/kg	72 kgf	36 kgf
15000 D	600 m/kg	82 kgf	41 kgf
18000 D	500 m/kg	102 kgf	51 kgf
22500 D	400 m/kg	122 kgf	61 kgf
24000 D	375 m/kg	132 kgf	66 kgf
25000 D	350 m/kg	138 kgf	69 kgf
30000 D	300 m/kg	165 kgf	82 kgf
40000 D	225 m/kg	220 kgf	110 kgf
50000 D	180 m/kg	275 kgf	135 kgf
60000 D	150 m/kg	330 kgf	160 kgf
70000 D	130 m/kg	380 kgf	180 kgf
90000 D	100 m/kg	490 kgf	230 kgf





# FISHNET TWINE

Size	Runnage (m/kg)	Breaking Strength (kgf)
280/6 Ply S	5035 m/kg	6.6 kgf
280/9 Ply S	3320 m/kg	10.0 kgf
280/12 Ply S	2460 m/kg	13.1 kgf
280/15 Ply S	1975 m/kg	16 kgf
280/18 Ply S	1650 m/kg	19 kgf
280/24 Ply S	1235 m/kg	25.7 kgf
280/27 Ply S	1095 m/kg	29 kgf
280/30 Ply S	975 m/kg	32 kgf
280/36 Ply S	820 m/kg	38 kgf
280/45 Ply S	650 m/kg	47 kgf
280/72 Ply S	400 m/kg	75 kgf





# PE TWINE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH



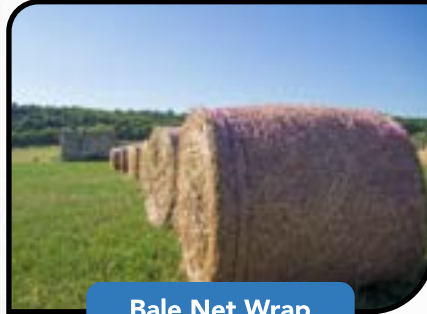
Size	Runnage (m/kg)	Breaking Strength (kgf)
380/12 Ply Z	1685 m/kg	21 kgf
380/15 Ply Z	1360 m/kg	25.7 kgf
380/18 Ply Z	1120 m/kg	30.5 kgf
380/21 Ply Z	970 m/kg	35.5 kgf
380/24 Ply Z	850 m/kg	39.8 kgf
380/27 Ply Z	750 m/kg	44.5 kgf
380/30 Ply Z	674 m/kg	49 kgf
380/36 Ply Z	565 m/kg	58 kgf
380/42 Ply Z	480 m/kg	67.5 kgf
380/45 Ply Z	450 m/kg	72 kgf



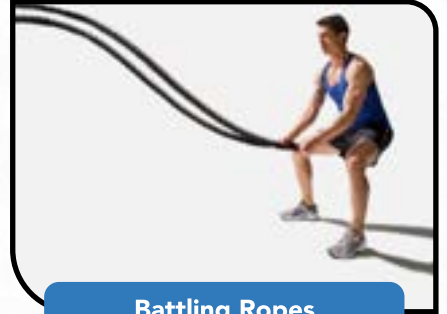
# OUR SPECIALITY PRODUCTS



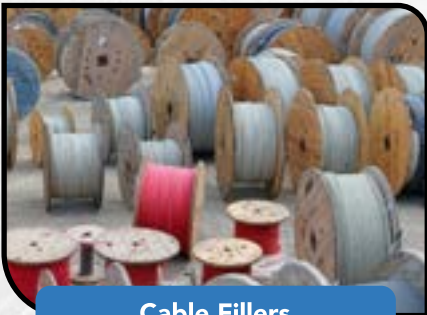
Anti Bird Nets



Bale Net Wrap



Battling Ropes



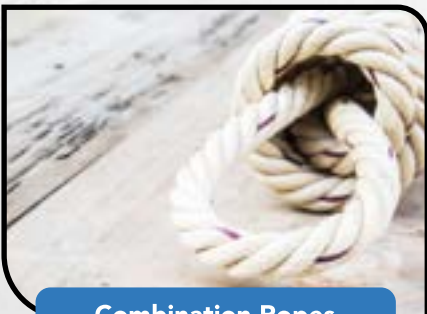
Cable Fillers



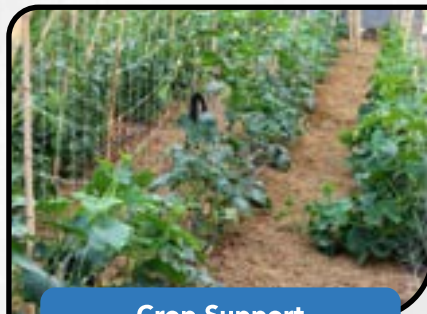
Cage & Net Ropes



Charpoy Baan Ropes



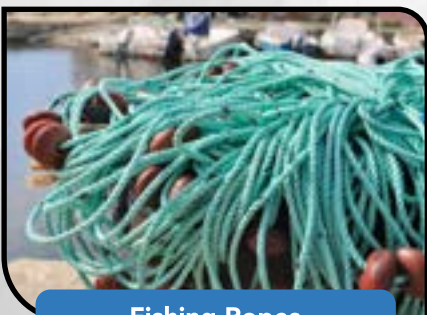
Combination Ropes



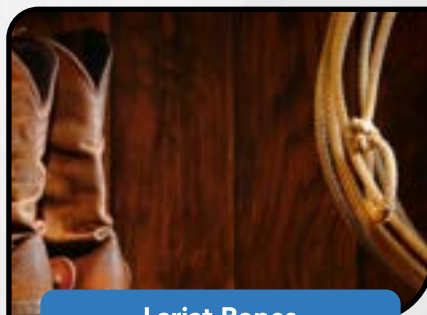
Crop Support



Fibre Cores with Lubricant



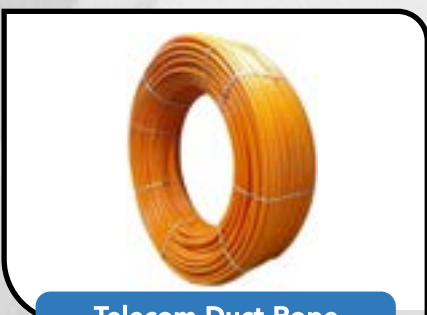
Fishing Ropes



Lariat Ropes



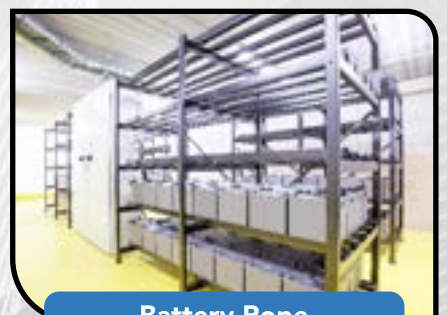
Mining Ropes & Twines



Telecom Duct Rope



Mooring Ropes



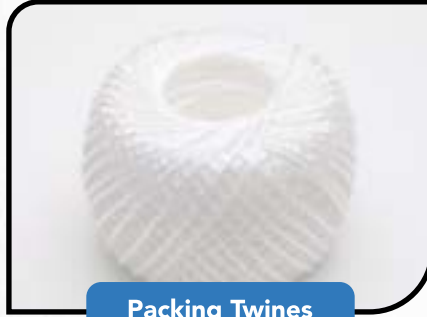
Battery Rope



# OUR SPECIALITY PRODUCTS



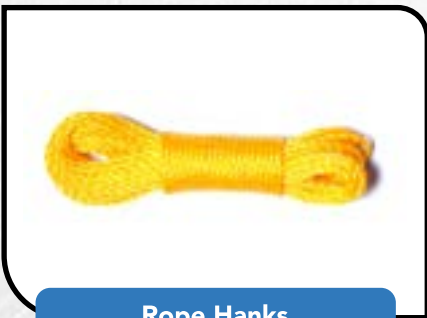
Olive Net



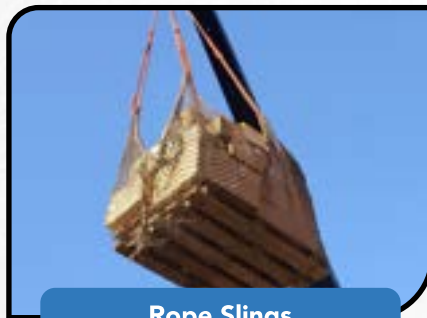
Packing Twines



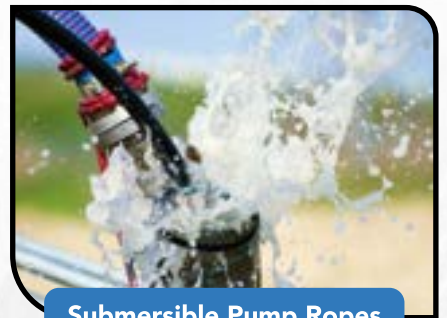
Barricade Rope



Rope Hanks



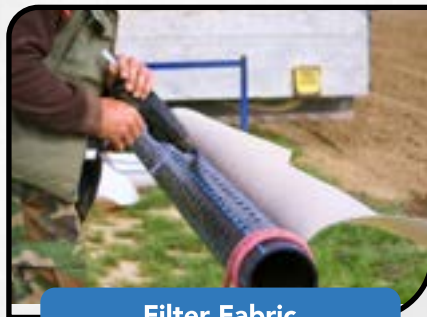
Rope Slings



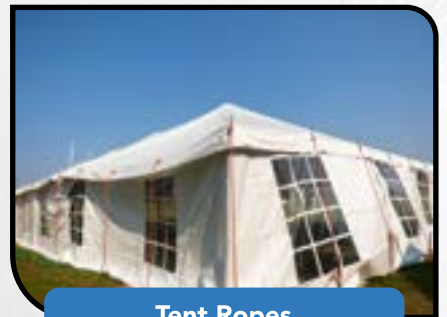
Submersible Pump Ropes



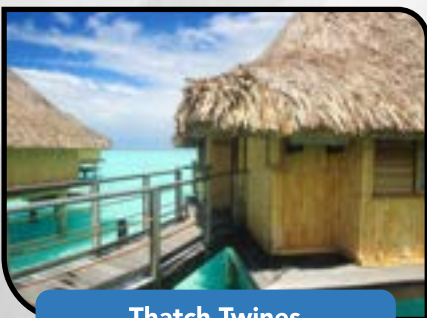
Synthetic Yarns



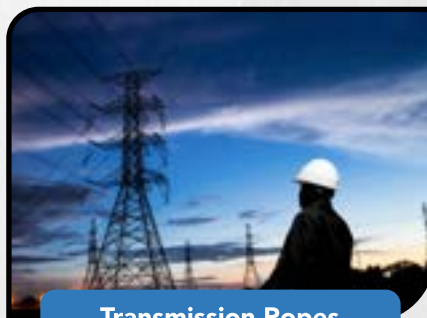
Filter Fabric



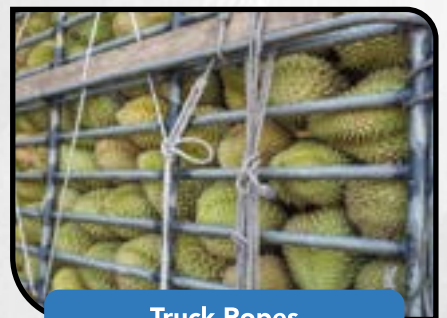
Tent Ropes



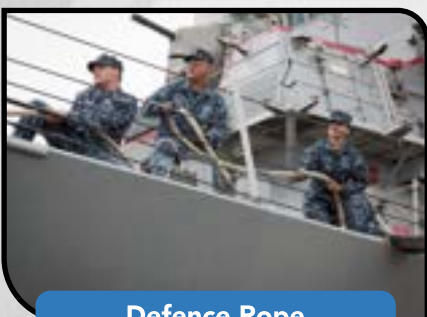
Thatch Twines



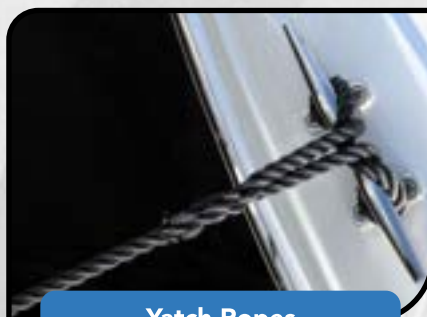
Transmission Ropes



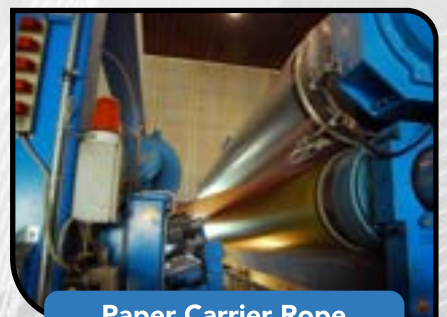
Truck Ropes



Defence Rope



Yatch Ropes



Paper Carrier Rope



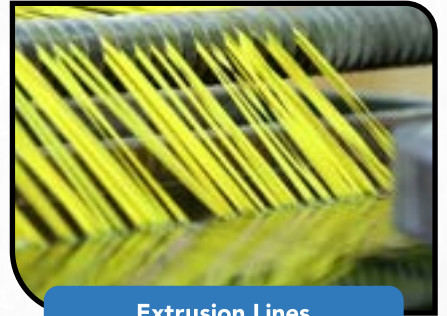
# FACILITIES



Tensile Testing Machine



Rope Machines



Extrusion Lines



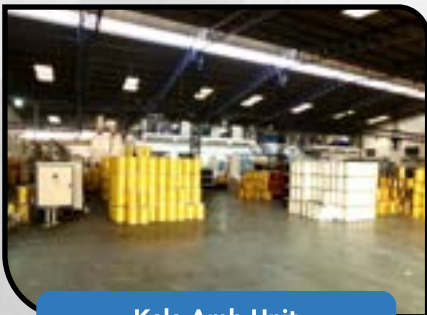
Bulk Storage



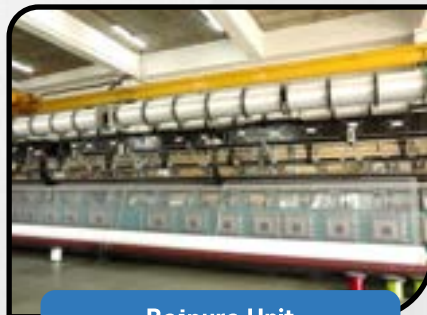
FG Store



Twisting Machines



Kala Amb Unit

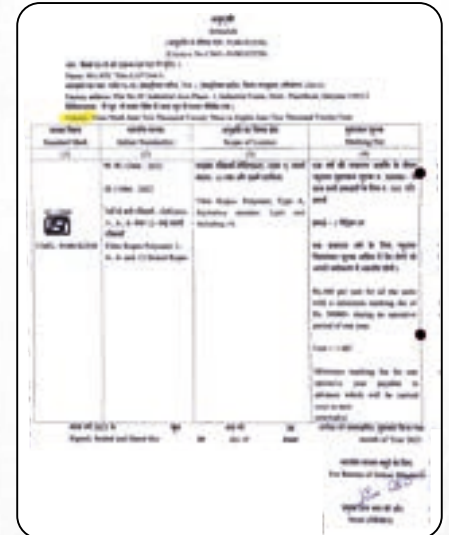


Rajpura Unit



Panchkula Unit

# CERTIFICATES





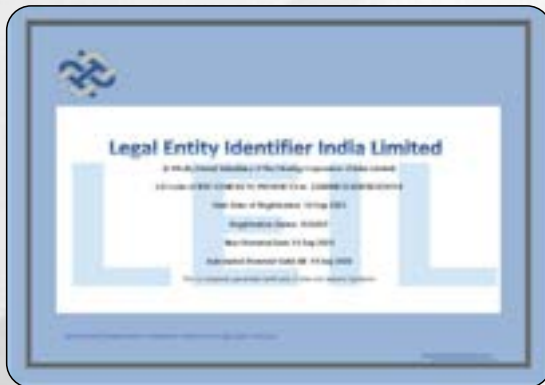
# CERTIFICATES



UDYOG AADHAAR MEMORANDUM			
1. Aadhaar Number	99259176852		
2. Name of Entrepreneur	PREM CHAND GUPTA		
3. Social Category	GENERAL		
4. Name of Enterprise	NTC TILES LLP UNIT-2		
5. Type of Organisation	PARTNERSHIP		
6. Postal Address	VILLAGE MANAKTABRA, TEHSIL RAIPURRANI, DIST. PANCHKULA (HARYANA)		
7. District	PANCHKULA	State	HARYANA
8. Pin Code	131004	Pin	131004
9. Date of commencement	01/04/2016		
10. Previous Registration details if any	-		
11. Bank Details	IFS Code: PUNB0396000 Bank Account: 3966002100008271		
12. Major Activity	MANUFACTURING		
13. Declaration	I hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.		



UDYOG AADHAAR MEMORANDUM			
1. Aadhaar Number	99259176852		
2. Name of Entrepreneur	PREM CHAND GUPTA		
3. Social Category	GENERAL		
4. Name of Enterprise	NTC TILES LLP UNIT-2		
5. Type of Organisation	PARTNERSHIP		
6. Postal Address	VILLAGE MANAKTABRA, TEHSIL RAIPURRANI, DIST. PANCHKULA (HARYANA)		
7. District	PANCHKULA	State	HARYANA
8. Pin Code	131004	Pin	131004
9. Date of commencement	01/04/2016		
10. Previous Registration details if any	-		
11. Bank Details	IFS Code: PUNB0396000 Bank Account: 3966002100008271		
12. Major Activity	MANUFACTURING		
13. Declaration	I hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.		



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# EXHIBITIONS



Agri Tech India Bangalore 2023



Plex connect 2023



CII Agrotech India 2022



Spring Fest Exhibition 2019



Agrotech Exhibition 2018



Agrotech Exhibition 2016



Plastindia Exhibition 2015



Agrotech Exhibition 2014



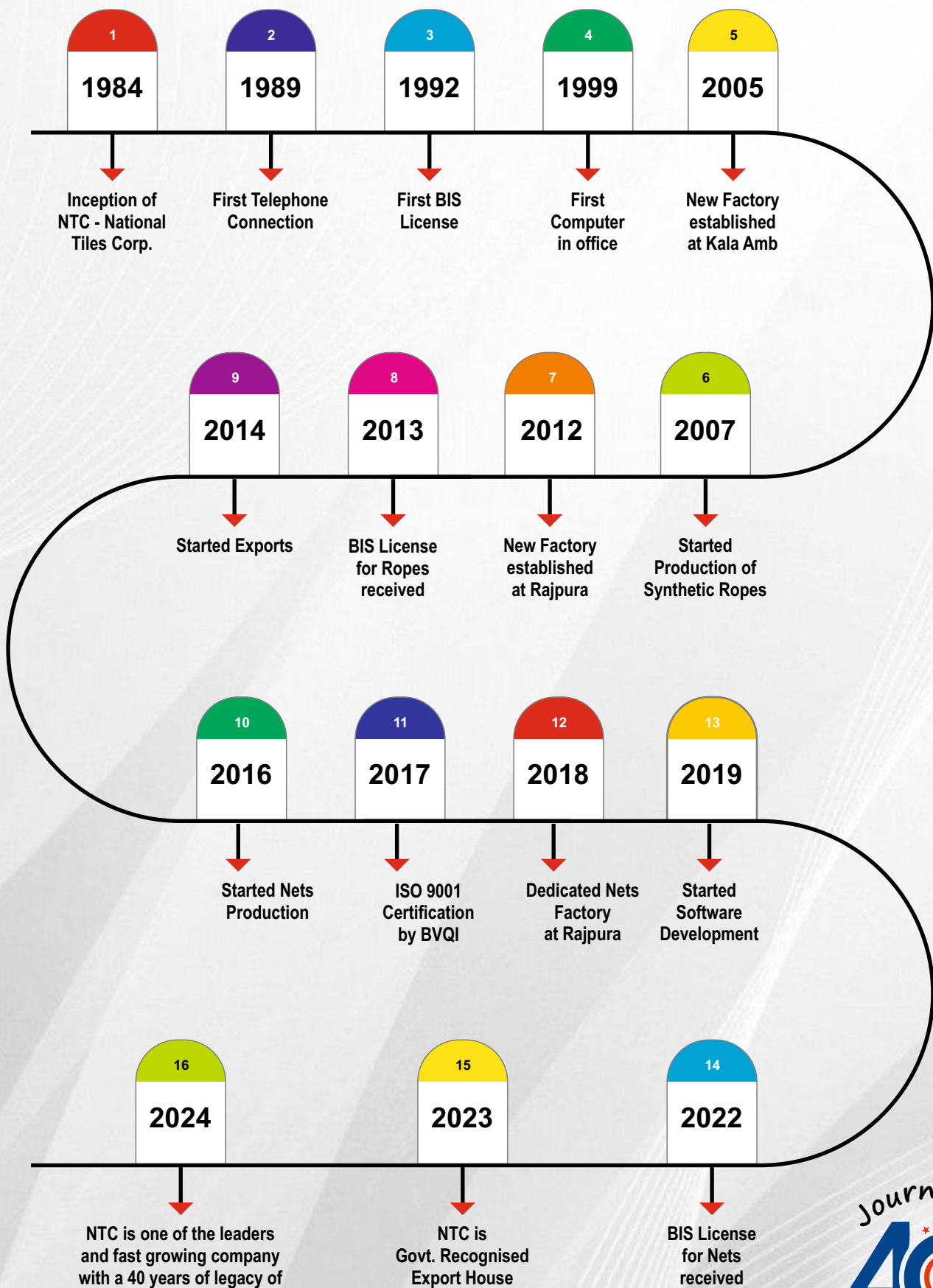
Krishi Darshan 2014

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- Singapore





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**NTC Concrete Products**

Vill. Moginand (Kala Amb), Teh. Nahan,  
Distt. Sirmour, Himachal Pradesh, INDIA - 173030



**NTC Tiles LLP (Unit-V)**

Vill. Jansui, Tehsil Rajpura,  
Distt. Patiala, Punjab, INDIA - 140402