

SAFETY & INDUSTRIAL

2026



WELCOME TO

ALZA

Welcome to Alza Ropes & Twines, a leading manufacturer in the realm of synthetic ropes, Twines and nets. With world-class technologies and three specialized manufacturing plants equipped with top-notch laboratories, we are committed to delivering superior quality products. As technical committee members of the Bureau of Indian Standards (BIS) and certified with BIS and ISO (BVQI), our dedication to product development and industry standards is unmatched. With 41 years of manufacturing experience and 16 years solely in synthetic rope & nets, we export to over 30 countries worldwide, producing over 350+ MT per month. Trust Alza for excellence in synthetic rope and net solutions.



**RELIABLE | INNOVATIVE | EXCELLENCE |
PURSUE LEARNING | DRIVE CHANGE**



We, now, import directly from overseas, from our ISO-22000 and BRC accredited suppliers which have spent most of the last 25 years making quality products for many countries around the world. Our products are world class, our service is next to none and above all we provide them at very competitive prices. We pride ourselves in providing a comprehensive range of Industrial products.



POLYOLEFIN ROPE



HIGH STRENGTH



UV PROTECTED



EXTRA LENGTH

15% Stronger

Highly Flexible

Soft to handle

Lighter Weight

PP DANLINE & SUPERDANLINE

POLYPROPYLENE PARAPRO TECHNOLOGY

MANUFACTURED



Size (Nominal Diameter)	Rope Lengths (Coils or Reels)	PP DAN Breaking Strength	SUPERDAN Breaking Strength
4mm	200m	214kgf	305kgf
6mm	200m	602kgf	675kgf
8mm	200m	1060kgf	1215kgf
10mm	200m	1560kgf	1845kgf
12mm	200m	2210kgf	2700kgf
14mm	200m	3050kgf	3690kgf
16mm	200m	3770kgf	4320kgf
18mm	200m	4810kgf	5490kgf
20mm	200m	5800kgf	6840kgf
22mm	200m	6960kgf	8370kgf
24mm	200m	8130kgf	9450kgf
28mm	200m	10700kgf	13050kgf
32mm	200m	13500kgf	16650kgf

UHMWPE ROPE

Size	Breaking Strength	Weight kg/100m
4 mm	1600 kgf	0.8
6 mm	2600 kgf	3
8 mm	4400 kgf	4.5
10 mm	6500 kgf	6.5
12 mm	10000 kgf	10
16 mm	18500 kgf	19
20 mm	29500 kgf	36

V. High Tenacity

Replacement for Steel Wire Ropes

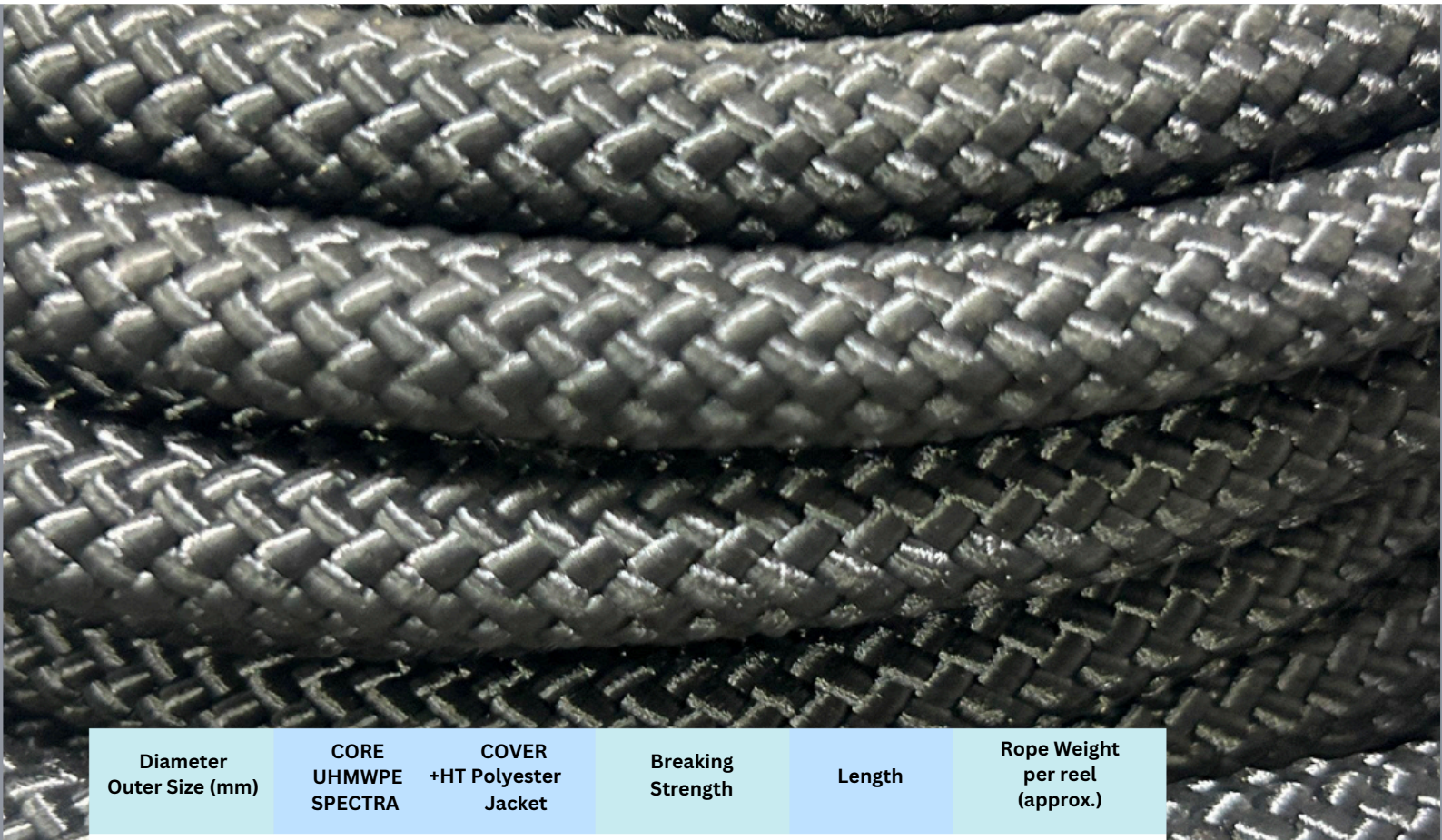


POWERBRAID™



HMPE

SpectraUHMPE Rope with Polyester Jacket



Diameter Outer Size (mm)	CORE UHMWPE SPECTRA	COVER +HT Polyester Jacket	Breaking Strength	Length	Rope Weight per reel (approx.)
4 mm	(1mm + 3mm)		310 kg-f	200 m	2 kg
6 mm	(4 mm + 2 mm)		1400 kg-f	200 m	6 kg
8 mm	(6 mm + 2 mm)		3400 kg-f	200 m	10 kg
10 mm	(8 mm + 2 mm)		5700 kg-f	200 m	15 kg
12 mm	(9 mm + 3 mm)		9200 kg-f	200 m	21 kg
14 mm	(11 mm + 3 mm)		12000 Kg-f	200 m	28 kg
16 mm	(12 mm + 4 mm)		16900 kg-f	200 m	34 kg



POLYESTER ROPE

POLYESTERHIGH TENACITY INDUSTRIAL FIBRE TWISTED ROPE
MANUFACTURED



Size (Nominal Diameter)	Rope Lengths (Coils or Reels)	PES ROPE Breaking Strength
4mm	200m	290 kgf
6mm	200m	554 kgf
8mm	200m	1000 kgf
10mm	200m	1560 kgf
12mm	200m	2230 kgf
14mm	200m	3120 kgf
16mm	200m	3980 kgf
18mm	200m	4980 kgf
20mm	200m	6230 kgf
22mm	200m	7470 kgf
24mm	200m	8960 kgf
28mm	200m	12000 kgf
32mm	200m	15400 kgf

- Medium-to-soft lay for easy handling
- Natural white colour
- 3 Strand, Twisted
- AS 4142.3
- Polyester High Tenacity Industrial Grade Yarn

POLYAMIDE ROPE

NYLON6 HIGHTENACITY INDUSTRIAL FIBRE ROPE
MANUFACTURED



- Medium-to-soft lay for easy handling
- Natural white colour
- 3 Strand, Twisted
- AS 4142.3
- Nylon 6 / 66 available on request
- Available with SS Marine Grade Thimble

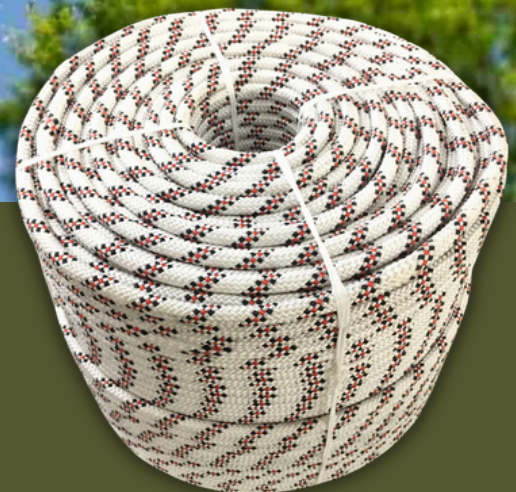
Size (Nominal Diameter)	Rope Lengths (Coils or Reels)	PA6 ROPE Breaking Strength
4mm	200m	320 kgf
6mm	200m	750 kgf
8mm	200m	1345 kgf
10mm	200m	2088 kgf
12mm	200m	2995 kgf
14mm	200m	4095 kgf
16mm	200m	5300 kgf
18mm	200m	6695 kgf
20mm	200m	8300 kgf
22mm	200m	10000 kgf
24mm	200m	12000 kgf
28mm	200m	15800 kgf
32mm	200m	20000 kgf

ALZA ARBORIST ROPE

KERNMANTLE BRAIDED NYLON ROPES



- Material: Nylon High Tenacity
- Braided Cover (Mantle) with Twisted Core (Kern)
- High Strength, Low Elongation
- Tensile Strengths 23kN, 25kN, 28kN
- 32 strand braided cover



ALZA

SAFETY ROPE

~~12MM~~ SAFETY KERNMANTLE POLYESTER ROPE

#ZNSRK

- Material: Polyester
- Minimum Breaking Load: >35kN
- <5% elongation @ 50% of break load (MBL)
- Knot Test: <14.7kN

DOUBLE BRAIDED ROPES

MULTIPURPOSE ROPES



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

- Easy to splice
- 100% UV Resistant Polyester
- High Strength Hard Weaving Covers or Jackets
- Natural white colour with Fleck
- Fleck colours available: Red, Blue, Green, Yellow and Black



SAFETY HARNESS FALL PROTECTION

AS PER BIS SPECIFICATIONS



Safety Harness
Class L+P, L, D, A, P, E
Window Cleaning Kits available

SAFETY NETS

CONSTRUCTION SAFETY NET



PE Monofilament Knitted Net
100 GSM or customized
3m x 100m or customized
Green, Blue, Black colours

ANTI-BIRD NET

IKENNA-BCROPPROTECTION NET



HIGH STRENGTH
UV PROTECTED
EXTRA LENGTH
HEAVY SELVEDGE
REINFORCEMENT BARS

SCAFFOLDING NETS

CONSTRUCTION SAFETY NET



PE Monofilament Knitted Net
100 GSM or customized
3m x 100m or customized
Green, Blue, Black colours

SAFETY WEBBING

WEBBING



PE Monofilament Knitted Net
100 GSM or customized
3m x 100m or customized
Green, Blue, Black colours

SAFETY LANYARD

FALL PROTECTION AS PER IS STANDARD



Securely attach the worker's harness to an anchor, lifeline, or structure such as rebar in the case of chain rebar assemblies

APPLICATION SECTORS

At Ideal Industries, we manufacture high-performance kernmantle ropes designed to exceed the rigorous demands of specialized sectors. Our commitment to quality ensures that every coil is meticulously inspected and palletized for secure global delivery.

Construction



Electrical work



**Ideal for
Industries
Like:**

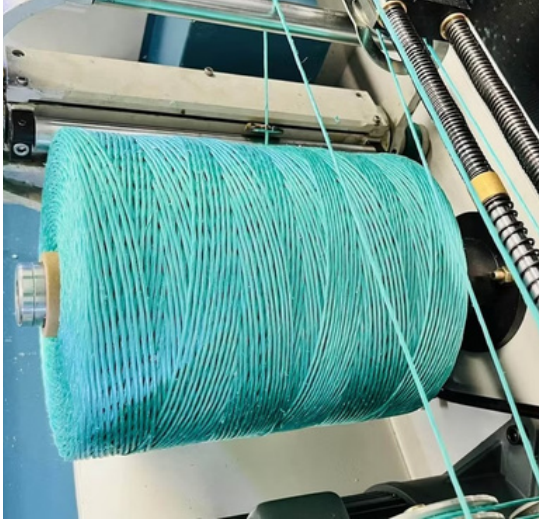


Industrial Sectors

Infrastructure

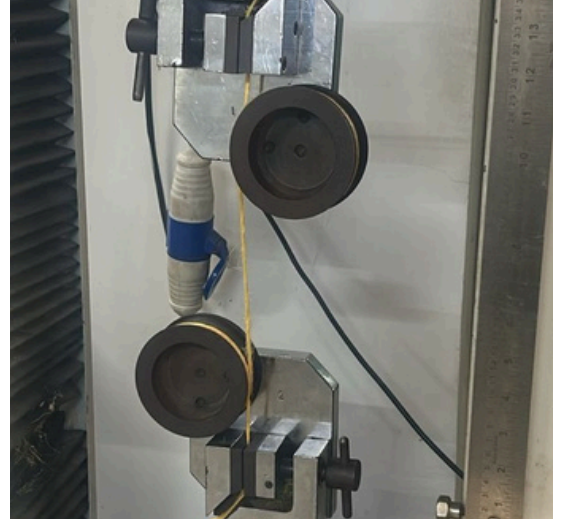
SMART ROPE HANDLING

From Manufacturing to You



Manufacturing Process

Produced with precision, using 100% virgin raw materials for consistent quality.



Testing & Quality Checks

Every batch undergoes strict strength and durability testing to ensure reliability in the field.



Palletized & Safe Loading

Bundles are neatly palletized and loaded with care to maintain product integrity.



Truck Dispatch

Secured with ropes for safe delivery, ensuring the twine reaches you appropriately.

GET IN TOUCH WITH US



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