

# **DESIGNED TO OUTPERFORM**



# SUPERTUFNXT

HIGH TENACITY POLYPROPYLENE ROPE

TOUGH ROPE FOR
TOUGH APPLICATIONS

SUPERTUF NXT reflects TUFROPES commitment to bringing innovation to marine and fishing business.

Long lasting. Highest Tensile strength.



# SUPERTUF NXT ADVANTAGES:

- Highly advanced plaited Polypropylene 8-strands rope with highest tensile strength.
- High resistance to UV degradation, increases the total service life of the rope.
- These ropes have better handling properties and display better handling behaviour in both dry and wet conditions.
- These ropes are permanently floatable on water.
- These ropes are easily spliceable.
- All ropes are tested in accordance with ISO 2307 Annex C Standard.
- Available in ICE BLUE colour.

# **SPECIFICATIONS**

SUPERTUF NXT 8 STRAND ROPE				
SIZE		Weight		Minimum
Dia	Cir.		-9	Breaking
MM	Inch	Kgs. / 100M	Kgs. / 220M	Kgf.
40	5	71.82	158.00	28500
44	5-12	88.18	194.00	34700
48	6	104.09	229.00	41500
52	6-12	121.82	258.00	48500
56	7	141.82	312.00	56000
60	7-12	163.18	359.00	63900
64	8	185.00	407.00	72200
68	8-12	209.00	450.00	83800
72	9	234.00	515.00	96500
76	9-12	261.36	575.00	104100
80	10	290.00	638.00	111500
88	11	351.82	774.00	135500
96	12	416.82	917.00	162000
104	13	488.54	1075.00	189000
112	14	570.00	1254.00	218000
120	15	650.00	1430.00	249000

# **FEATURES**

Material	Polyolefins
Construction	8 Strand Plaited
Colour of Rope	Ice Blue
Approx Spec. Density	0.91 floating
Melting Point	165 °c
Abrasion Resistance	Low
U.V. Resistance	Low
Temperature Resistance	70 °c max continuous
Chemical Resistance	Good, solvents and strong oxidisers may have a mild effect
Dry & wet Conditions	Wet strength equals dry strength
Range of use	Fishing, Inland Shipping, Merchant Navy, Industry Mooring
Coil Length	220M
Spliced Strength	-10% Lower
Weight & Length Tolerance	± 5%
Diameter	± 5%
Test Method	Rope to be tested as per Standard ISO 2307 Annex C
	Construction Colour of Rope Approx Spec. Density Melting Point Abrasion Resistance U.V. Resistance Temperature Resistance Chemical Resistance Dry & wet Conditions Range of use  Coil Length Spliced Strength Weight & Length Tolerance Diameter

#### Applications:



Mooring and Towing Ropes



**Inland Shipping** 



Fishing

#### TUFROPES PRIVATE LIMITED.

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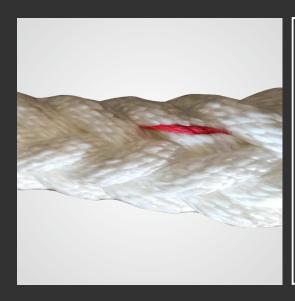
# TUFFLEX LITE ROPE

PP / POLYESTER MIXED ROPE

TOUGH ROPE FOR
TOUGH APPLICATIONS

TUFFLEX LITE ROPE reflects TUFROPES commitment to bringing innovation to marine and fishing business.

Long lasting. Highest Tensile strength.



# TUFFLEX LITE ADVANTAGES:

- PP/POLYESTER 8/12 STRANDS MIXED ROPE WITH high tensile strength.
- High resistance to UV degradation, increases the total service life of the rope.
- These ropes are floatable in nature.
- These ropes are easily spliceable.
- Reduced Snap Back risk due to low elongation.
- High rope flexibility.
- Excellent tension fatigue resistance.
- All rope are tested in accordance with IS 7071 part I, II, III, IV and ISO 2307-2019 Annex c.

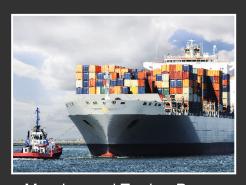
#### **SPECIFICATIONS**

	OI LOII IOATIONO					
	TUFFLEX ROPE					
SIZE		Linear Density	Weight/ Coil	Dicak	Line Design Break Force	
Dia	Cir.		COII	Force	break Force	
MM	Inch	Kg/Mtr.	Kgs/220m	Tons	Tons	
32	4	0.500	111.00	17.90	16.11	
36	4-1/2	0.640	141.00	24.00	21.60	
40	5	0.790	174.00	29.10	26.19	
44	5-1/2	0.960	212.00	37.30	33.57	
48	6	1.150	252.00	44.40	39.96	
52	6-1/2	1.340	295.00	51.60	46.44	
56	7	1.560	343.00	59.20	53.28	
60	7-1/2	1.800	395.00	67.40	60.66	
64	8	2.040	448.00	75.90	68.31	
68	8-1/2	2.300	505.00	85.20	76.68	
72	9	2.570	566.00	91.60	82.44	
80	10	3.190	701.00	116.00	104.40	
88	11	3.860	850.00	140.00	126.00	
96	12	4.580	1007.00	165.50	148.95	
104	13	5.400	1189.00	192.80	173.52	
112	14	6.270	1380.00	222.70	200.43	
120	15	7.200	1584.00	255.10	229.59	

# **FEATURES**

Material	PP / polyester
Colour of rope	white
TCLL VALUE	79.43%
Approx Spec Density	0.96
Melting point	165 / 265
Abrasion Resistance	GOOD
UV Resistance	GOOD
Chemical Resistance	GOOD
Dry & wet Condition	100%
Range of use	Inland Shipping, Tankers, Tug boats, dry bulk carriers,
	Towing, Mooring
Coil length	110 , 220
Spliced Strength (LDBF)	-10 % lower
Weight and Length Tolerance	+- 5%
Diameter	+-5%
Test method	Rope to be tested as per - IS 7071 part I,II,III,IV AND ISO 2307- 2019 Annex c

Applications:



Mooring and Towing Ropes



**Inland Shipping** 



**Tug Boats** 





# ROPE TRACEABILITY

Maintaining record is crucial for the safe use of mooring and towing ropes. All the ropes manufactured by Tufropes carry a unique Product Identification Code. It corresponds with the factory certificate number for each rope, providing an effective way of managing rope use and



We have had the honour of serving

# **CLIENTS FROM** 85 COUNTRIES

Over a 1000 customers worldwide trust us to help grow their business

#### PROVIDING LEADING EDGE SOLUTIONS IN



**TUFROPES** 









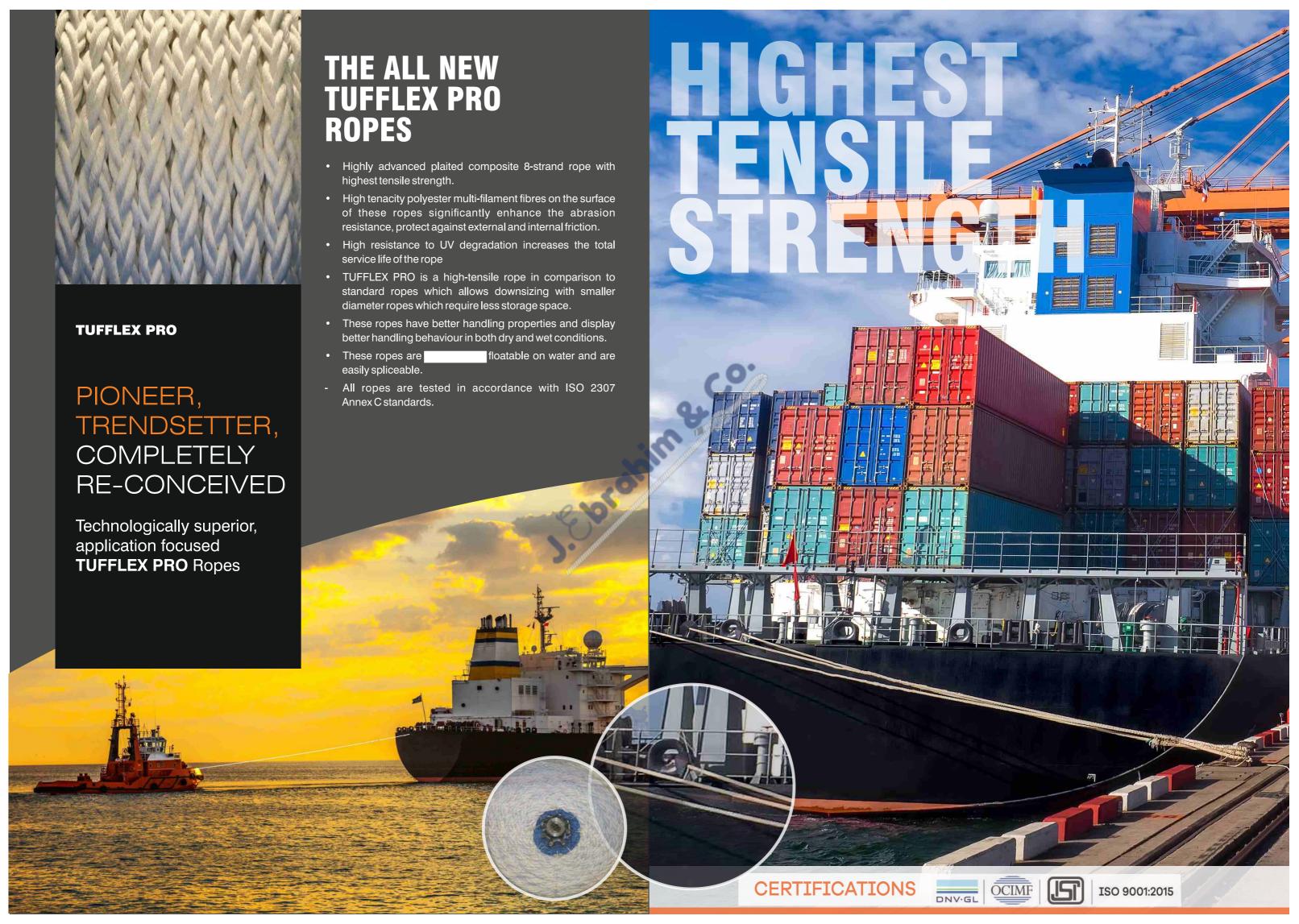














# TECHNICAL SPECIFICATIONS

Dia.	Size Cir.	Weight		Minimum Breaking Load
MM	Inch	Kgs/100 M	Kgs/220 M	Kgf
32	4	56.36	124.00	25100
36	4-1/2	71.36	157.00	31100
40	5	88.64	195.00	36600
44	5-1/2	108.18	238.00	46600
48	6	128.18	282.00	58550
52	6-1/2	150.00	330.00	68050
56	7	171.82	378.00	78100
60	7-1/2	199.09	438.00	89100
64	8	225.00	495.00	103100
68	8-1/2	253.64	558.00	114600
72	9	285.00	627.00	126100
80	10	370.00	814.00	157100
88	11	500.00	1100.00	193100
96	12	597.73	1315.00	233100

Material	Polyolefins and high tenacity Polyester	
Construction	8 Strand Plaited (Outer 4 twist and core 3 twist)	
Colour of rope	White	
Approx spec. density	0.99 - Semi Floating	
Melting point	165 ℃	
Elongation at 50% load	12% (±2%)	
Abrasion resistance	Excellent, high durability	
U.V.	Stabilized	
Temperature resistance	70 °C max continuous	
Coil length	220 Meter	
Spliced strength	-10% Lower	
Weight tolerance	$\pm$ 5% (-5% length must be compensated with 5% in meter weight.)	
Produced length	- 5%, measured under tension on machine, eye made from produced length.	
Dry & wet conditions	Wet strength equals dry strength	
Chemical Resistance	Good. Solvents and strong oxidisers may have mild effect.	



The eye splice is used to place a permanent loop in the end of a rope, generally for connection purpose to a fixed point. An eye is also used to form the rope around the thimble, which is used to protect the rope, especially when it is attached to a shackle, chain or wire rope. We can make full protected eye with polyester tubular cloth and full protected splice with seizing, which increases the service life of ropes.

# **AVAILABLE IN:**

- Spliced with eyes
- Special lengths
- Colours and colour combinations according to customer requirements, when a minimum of 15 tons order is placed

# **APPLICATIONS:**

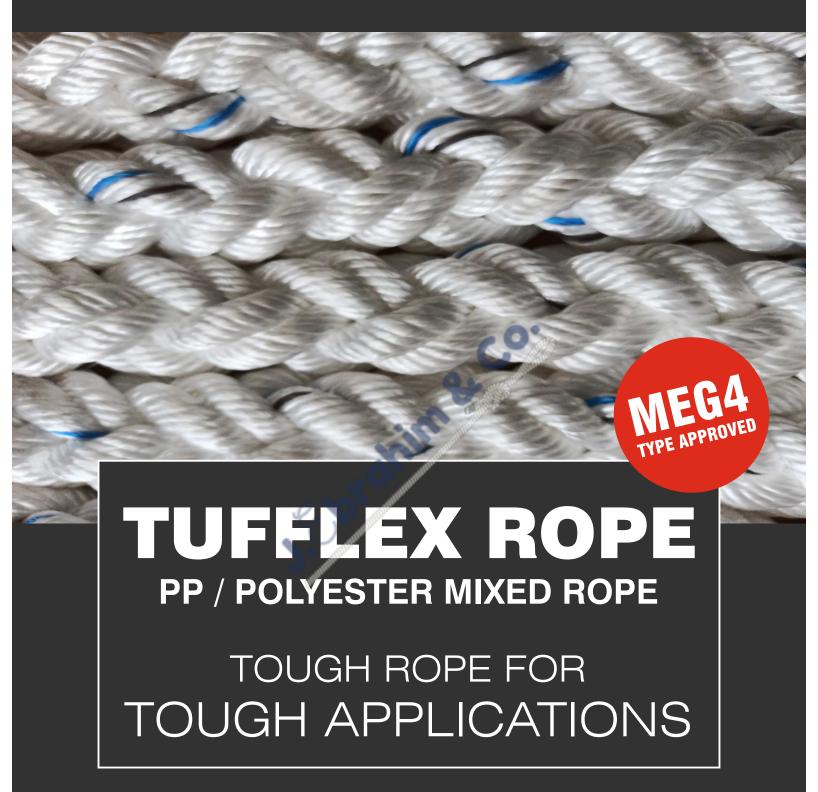
- Industrial Mooring Inland Shipping Towing
- SPM Hawsers Fishing Merchant navy

# **PACKING STANDARDS**

Coils of Marine Ropes are wrapped in a polypropylene fabric with TUFROPES logo and fastened with polypropylene cords. The packing is sewn according to the dimensions of the coil and the length of the rope. The product packed in this way has a better stability, facilitates handling and protects the ropes against contamination.







TUFFLEX ROPE reflects TUFROPES commitment to bringing innovation to marine and fishing business.

Long lasting. Highest Tensile strength.



#### TUFFLEX ADVANTAGES:

- PP/POLYESTER 8/12 STRANDS MIXED ROPE WITH high tensile strength.
- High resistance to UV degradation, increases the total service life of the rope.
- These ropes are floatable in nature.
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- Reduced Snap Back risk due to low elongation.
- High rope flexibility.
- Excellent tension fatigue resistance.
- All rope are tested in accordance with IS 7071 part I, II, III, IV and ISO 2307-2019 Annex c.

#### **SPECIFICATIONS**

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	T	<b>UFFLE</b>	X ROP	E	
SIZE		Linear Density	Weight/ Coil	Design Break	eak Line Design
Dia	Cir.			Force	break Force
MM	Inch	Kg/Mtr.	Kgs/220m	Tons	Tons
32	4	0.564	124.00	20.50	18.45
36	4-1/2	0.714	157.00	25.50	22.95
40	5	0.886	195.00	30.70	27.63
44	5-1/2	1.082	238.00	36.50	32.85
48	6	1.282	282.00	47.20	42.48
52	6-1/2	1.500	330.00	55.40	49.86
56	7	1.718	378.00	64.10	57.69
60	7-1/2	1.991	438.00	73.50	66.15
64	8	2.250	495.00	84.10	75.69
68	8-1/2	2.541	559.00	93.70	84.33
72	9	2.850	627.00	103.80	93.42
80	10	3.523	775.00	127.70	114.93
88	11	4.545	1000.00	158.30	142.47
96	12	5.977	1315.00	187.80	169.02
104	13	7.000	1540.00	219.20	197.28
112	14	8.136	1790.00	253.10	227.79
120	15	9.318	2050.00	289.60	260.64

# **FEATURES**

	Material	PP / polyester
	Colour of rope	white
	TCLL VALUE	79.43%
	Approx Spec Density	0.96
	Melting point	165 / 265
	Abrasion Resistance	GOOD
	UV Resistance	GOOD
	Chemical Resistance	GOOD
á	Dry & wet Condition	100%
ile.	Range of use	Inland Shipping, Tankers, Tug boats, dry bulk carriers,
		Towing, Mooring
	Coil length	110 , 220
	Spliced Strength (LDBF)	-10 % lower
	Weight and Length Tolerance	+- 5%
	Diameter	+-5%
	Test method	Rope to be tested as per - IS 7071 part I,II,III,IV AND ISO 2307- 2019 Annex c

Applications:



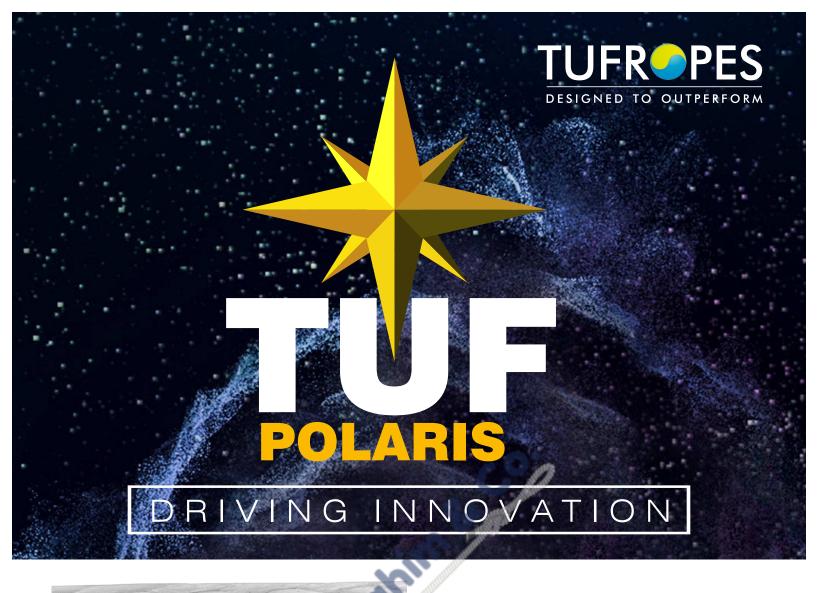
Mooring and Towing Ropes



**Inland Shipping** 



Fishing





POLARIS is made from 100% HMPE yarns manufactured by DSM Dyneema.

Polaris is a high performance rope with excellent properties in both strength and durability at an attractive price.

Polaris has a nice strong coating, good UV abrasion and chemical resistance.

The rope is produced by INDIANETS at its INDORE, India production facilities, which are ISO certified and DNV-GL approved.

SPECIFIC GRAVITY	0.98 (floating)
UV-RESISTANCE	good
ABRASION RESISTANCE	good
CHEMICAL RESISTANCE	good
MELTING POINT	approx. 147°C
CONSTRUCTION	12 strand plaited
COLOUR	White
WATER ABSORPTION	0%
ELONGATION AT BREAK	1%

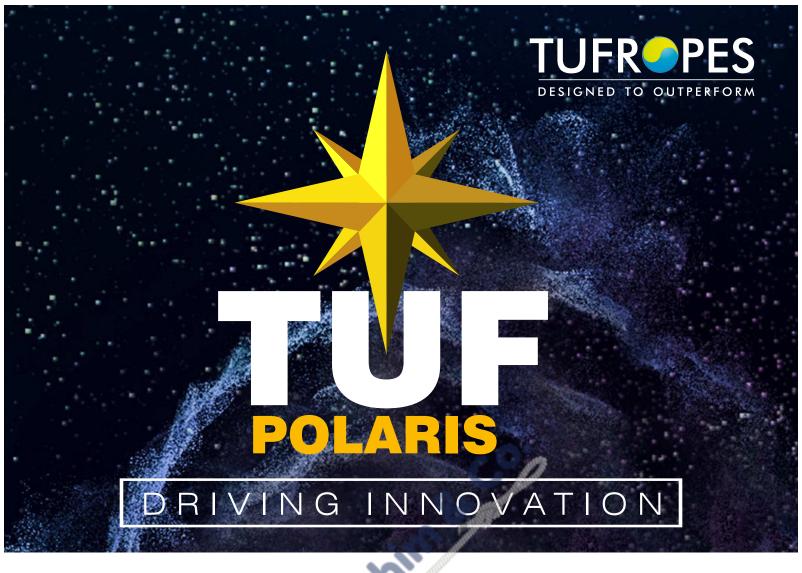
#### SPECIFICATIONS OF POLARIS

**HMPE 12/8 STRAND ROPES** As per ISO 10325

Size	K Tex +-5%	Minimum Breaking Force	
MM	Grms	Unspliced	Spliced
		KN	KN
12	87	147	132
14	117	200	180
16	151	260	235
18	190	310	283
20	232	380	340
22	281	450	400
24	331	520	470
26	384	600	540
28	445	680	610
30	506	770	690
32	575	870	780
36	720	1040	940
40	881	1260	1130
44	1060	1460	1310
48	1250	1700	1530









POLARIS is a 12-strand braided rope.

POLARIS is made from 100% HMPE yarns manufactured by DSM Dyneema.

Polaris is a high performance rope with excellent properties in both strength and durability at an attractive price.

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The rope is produced by INDIANETS at its INDORE, India production facilities, which are ISO certified and DNV-GL approved.

SPECIFIC GRAVITY	0.98 (floating)	
UV-RESISTANCE	good	
ABRASION RESISTANCE	good	
CHEMICAL RESISTANCE	good	
MELTING POINT	approx. 147°C	
CONSTRUCTION	12 strand plaited	
COLOUR	Yellow	
WATER ABSORPTION	0%	
ELONGATION AT BREAK	1%	

#### SPECIFICATIONS OF POLARIS

**HMPE 12/8 STRAND ROPES** As per ISO 10325

Size	K Tex +-5%	Minimum Breaking Force	
MM	Grms	Unspliced	Spliced
		KN	KN
12	87	147	132
14	117	200	180
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18	190	310	283
20	232	380	340
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32	575	870	780
36	720	1040	940
40	881	1260	1130
44	1060	1460	1310
48	1250	1700	1530









# **SUBSTATION TOWER NET**

(2.5 mm braided net)

# HIGH PERFORMANCE. **DELIVERED BY OUR SAFETY NETS**

and deflecting to dissipate the impact energy. Safety Nets are used in construction sites, building

Tufropes offered an innovative solution of wrapping the towers and their arms with our superior quality Safety Nets. These Nets protect the towers and cables from poaching of monkeys, birds etc., thus safeguarding the transformer and the junction arm from tripping out. The customer is extremely happy and have plans to instal our Safety Nets in all their projects.

#### **BENEFITS**

- Saves the sub-station & transformers from tripping caused by jumping of monkey / birds, or dropping of nest build by Eagles.
- It has proven to be cost effective than electric fence and other steel wire net.

# PROVIDING LEADING EDGE SOLUTIONS IN:















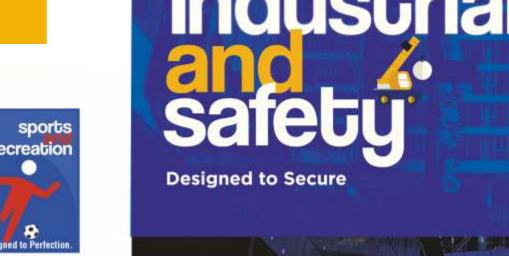








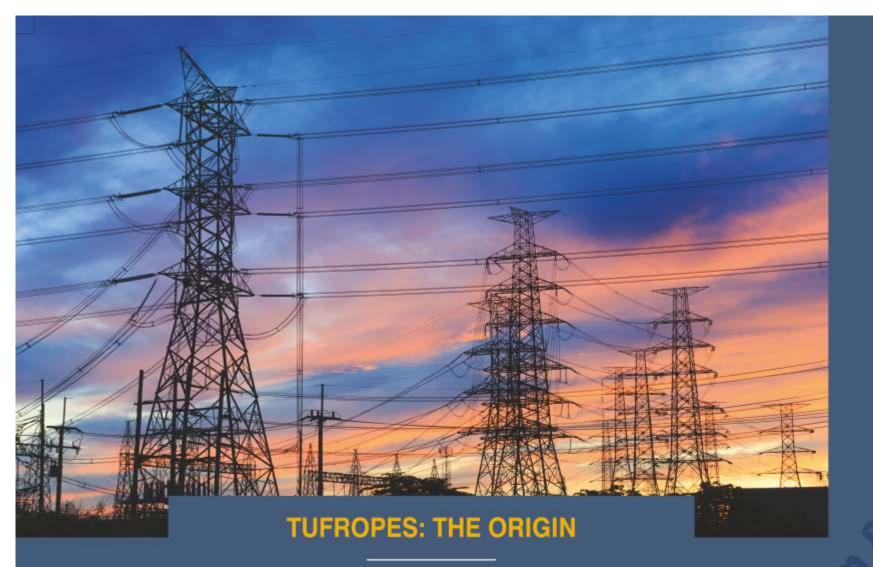






**TUFR** PES

DESIGNED TO OUTPERFORM



Over the past twenty-five years since inception, Tufropes has carefully engineered and manufactured its industrial and safety products using an appropriate combination of raw materials and construction processes especially suited to Industrial and Safety applications. Our products allow for high strength and low stretch solutions across a variety of applications. Our products are designed specifically for rugged and outdoor use that withstand extreme weather conditions.

These are customised to suit many stringent applications for greater safety. Our offerings guarantee safe and cost-effective solutions which are suitable across the globe in a wide variety of industry segments including Industrial work and Safety systems.

# **OUR CAPABILITIES SPEAK FOR THEMSELVES**



Units spread over 5 locations in India and Vietnam.



We have a dedicated team of over 2000 trained personnel.



Our manufacturing strength allows us to produce 35000 MT of rope and netting a year.



Absolutely stringent quality checks in accordance with international standards, which have earned us several certifications including the ISO 9001:2015.



Tufropes caters to a vast array of industries and applications; these include Marine & Shipping, Agriculture, Fishing & Aquaculture, Industrial safety, Sports & Leisure and others.

# **WORLD MARKET LEADERS**

LEADING SUPPLIER OF HIGH-QUALITY ROPES AND SAFETY NETS TO SOME OF THE WORLD'S BEST BRANDS.

With our wealth of experience and knowledge, Tufropes is uniquely placed to provide excellent technical support. When it comes to the design, development and engineering, our dedicated rope team has worked at the cutting edge of industrial and safety technology for many years. Whatever the requirement, our commitment is to provide customers with a quality solution that meets individual needs.

# **ENDURANCE TEST**

QUALITY CONTROL PROCESS

## Yarn Development Checked for

- Breaking Strength
- Stability Under UV Radiation
- Elongation
- Denier
- Colour Shade

# Rope Making Checked for

- Rope Balancing
- Rope Breaking Strength
- Length
- Weight



"Testbench facility built exclusively for synthetic fiber ropes with a force up to 300 tons"

Tested according to ISO 2307:2010

# **SAFETY NETS TESTING**

DYNAMIC DROP TEST



STATIC PULL TEST



# **FEATURES & BENEFITS**

- · Excellent abrasion resistance
- Excellent strength
- · Flexible, easy to handle and splice in use
- · Ideal for auto winches and drums
- Non-rotating, torque-free round construction
- Fully UV stabilized with medium to low elongation in use
- · Protected spliced eyes at each end
- Tremendous range of uses
- Wet strength equal to dry strength
- · Flakes down easily and neatly

# **CERTIFICATIONS**









#### Disclaimer

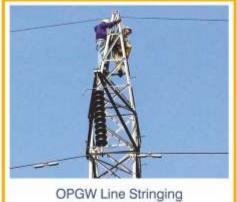
The specifications mentioned in the Catalogue a re for reference purpose only.

Recommendations for the use of these products are based upon tests believed by us to be reliable.

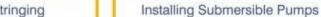
# **INDUSTRIAL AND SAFETY**

**APPLICATIONS** 







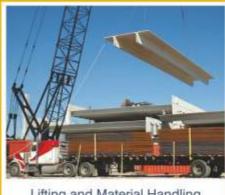








Pipe Lifting Slings



Lifting and Material Handling



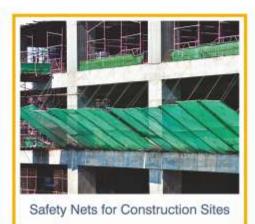
Transport Rope



Multi-Utility Shade Nets



Safety Nets for Industrial Applications





#### **FEATURES AND BENEFITS**

- TUF HOTLINE is made of Polyolefin material which is non-conductor of electricity
- It does not absorb water and moisture
- . TUF HOTLINE is inherently a bad conductor of electricity
- It has special coating to enhance abrasion resistance
- It does not lose strength in wet condition (Nylon loses its strength by approximately 10%)
- Weight advantage at 15% against traditional Nylon BOB
- Compact construction like Nylon BOB to ensure balanced application

Parametres	Units	TUF HOTLINE (16mm)
Diameter	Mm	16
LD	g/m	133
Runnage	m/k	7.5
B. str.	Kgf	5600
BL	M4	2000
Weight	(Kg/1000 Mtrs.)	133

+/- 3% for Length. +/- 5% for Weight.







# SUPERTUF

HIGH TENACITY POLYOLEFIN FIBRE ROPE

**TOUGH ROPE FOR TOUGH APPLICATIONS** 

SUPERTUF reflects TUFROPES commitment to bringing innovation to the submersible pumps business.

Light weight. High breaking strength.



PP INDUSTRIAL ROPE

POLYPROPYLENE (PP) FILM

THE ULTIMATE MULTI-UTILITY ROPE

PP INDUSTRIAL ROPE reflects TUFROPES commitment for bringing innovation to the submersible pumps business.

Light weight. High breaking strength.



#### SUPERTUF ADVANTAGE

- Comes with accurate meter marking
- Lightweight and soft: easy to use with Submersible Pumps
- High strength and shock resistant
- Resistant to abrasion and deterioration
- **UV** resistant
- Unaffected by hard water
- Minimal elongation

#### NOTE

- Standard coil length: 220 Mtrs. or 500 Mtrs.
- Safety factor: 1/6th of Minimum Breaking Load
- Minimum Breaking Load (MBL) should never be considered as the safe working load of the rope
- All values listed are as per results confirmed in accordance to test procedures IS 7071
- Tufropes reserves the right to review / alter product specifications
- Please contact us for more information regarding longer length, special colours, different packing or any other customised requirement

Diame	ter	Circumference	Runnage Mtrs. Coll	Weight/220 Mtrs. Coll	Weight/500 Mtrs. Coll	Minimun Breaking Load
(mm)	(Inch)	(Inch)	(Mtrs./Kgs)	(Kgs)	(Kgs)	(KGF)
4	5/32"	1/2"	135.00	1.63	3.70	305
6	1/4"	3/4"	60.00	3.67	8.34	675
8	5/16"	1"	33.30	6.60	15.00	1215
10	3/8"	1.1/8"	22.00	10.00	22.70	1845
12	1/2"	1.1/2"	15.20	14.50	33.00	2700
14	9/16"	1.3/4"	11.00	20.00	45.40	3690
16	5/8"	2"	8.60	25.50	58.00	4320
18	3/4"	2.1/4"	6.80	32.50	73.90	5490
20	13/16"	2.1/2"	5.50	40.00	90.90	6840
22	7/8"	2.3/4"	4.50	48.50	110.20	8370
24	1"	3"	3.90	57.00	128.20	9450
28	1.1/8"	3.1/2"	2.80	78.00	177.50	13050
32	1.5/16°	4"	2.20	101.00	230.00	16650

Tolerance (Weight/220 Mtrs. Coil):

4 mm to 8 mm: +/-10% 10 mm to 14 mm: +/-8% 16 mm and above: +/-5%

#### PP INDUSTRIAL ROPE ADVANTAGE

- UV resistant
- Lightweight
- High breaking strength
- Long lasting
- Resistant to rotting, mildew and marine organisms
- Unaffected by Acids and Alkalis
- Controlled elongation

#### NOTE

- Standard coil length: 220 Mtrs.
- Safety factor: 1/6th of Minimum Breaking Load
- Tufropes reserves the right to review / alter product specifications
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Diameter		Circumstances	Weight/ 220 Mtrs.Coil	Breaking Strength	Runnage
(mm)	(Inch)	(Inch)	(Kgs)	(KGF)	(Mtrs./Kgs
4	5/32"	1/2"	1.59	286	138.31
4.5	3/16"	9/16*	2.01	362	109.29
5	3/16"	5/8"	2.49	433	88.5
6	1/4"	3/4"	3.59	612	61,35
8	5/16"	1"	6.36	1020	34.6
9	11/32*	1,1/8"	8.05	1275	27.32
10	3/8"	1.1/4"	9.94	1530	22.12
12	1/2"	1.1/2"	14.32	2162	15.36
14	9/16"	1.3/4"	19.49	2855	11.29
16	5/8"	2"	25.52	3824	8.62
18	3/4"	2.1/4"	32.12	4589	6.85
20	13/16°	2.1/2"	39.82	5710	5.52
22	7/8"	2.3/4"	48.18	6832	4.57
24	1"	3"	57.2	8158	3.85
26	1.1/12"	3.1/4"	67.32	9177	3.27
28	1.1/8"	3.1/2"	77.88	10809	2.82
30	1.1/4'	3.3/4"	89.54	12033	2.46
32	1.5/16"	4"	101.86	13460	2.16
36	1.7/16"	4.1/2"	128.92	17335	1.71
40	1.5/8"	5"	159.06	20394	1.38
44	1.3/4"	5.1/2"	192.5	25493	1.14
48	2"	6"	228.8	28552	0.96
52	2.1/8'	6.1/2"	268	34160	0.82
56	2.1/4'	7"	312	38239	0.71
60	2.1/2"	7.1/2"	359	43338	0.61

PP INDUSTRIAL ROPE CONFIRMS TO IS 5175-2014

4 mm to 8 mm: +/-10% | 10 mm to 14 mm: +/-8% | 16 mm and above: +/-5%

# **APPLICATIONS**



Ropes for Submersible Pumps



Mooring and Towing Ropes

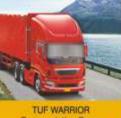






**APPLICATIONS** 

Mooring and Towing Ropes



Transportation Ropes



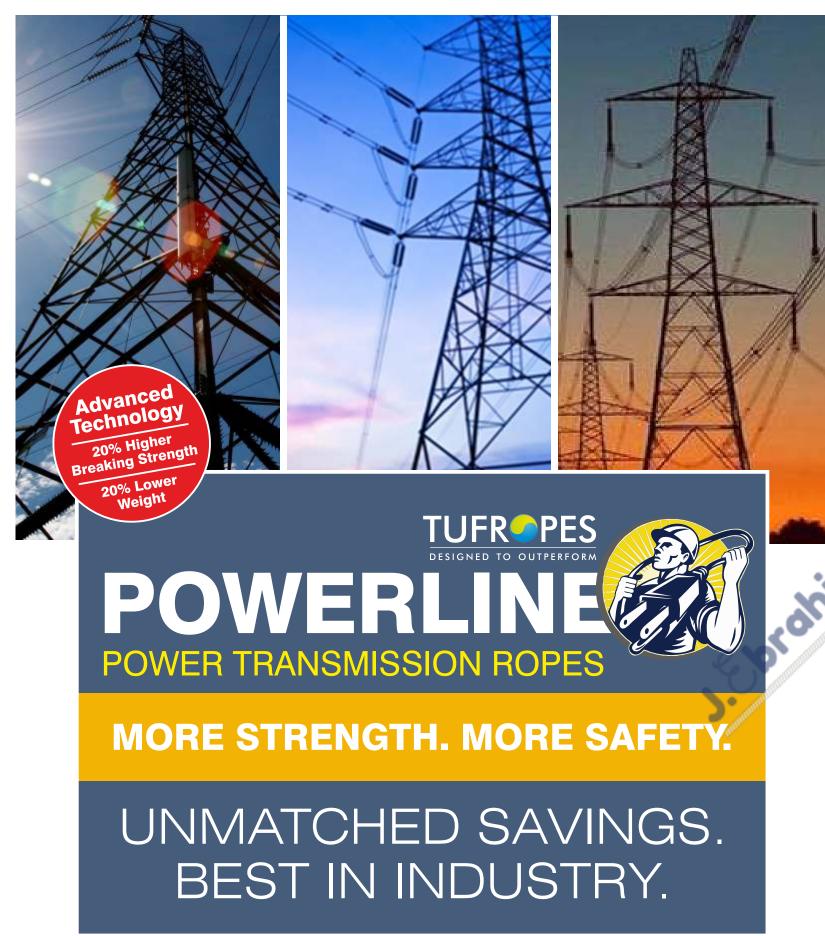
Handling Ropes



Power Transmission Ropes



Safety Nets



POWERLINE reflects TUFROPES commitment to bringing innovation to the transmission tower business.



# POWERLINE ADVANTAGE

- High tensile strength compared to normal PP rope.
- Offers qualities and technical properties of one size bigger diameter standard PP-IR rope.
- 15% to 22% lighter than normal PP rope.
- More flexible.
- · Richer look.

# **KEY FEATURES**

- Advanced technology ropes having high tensile strength compared to Normal PP Rope.
- 2. Min 18% -20% Lighter ropes than normal PP Rope which makes the handling easier at site.
- 3. 20% more BS as compared to other ISI ropes of same size of standard 5175:1992 or updated 2014.
- More flexible & Softer version which improves the feel of product for end user at site.
- 5. Made on latest ISI standard.
- 6. Higher strength to weight ratio.

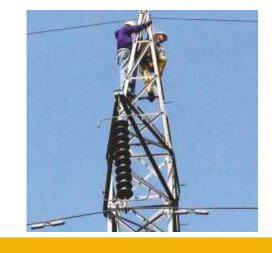
- Easily knotable.
- 8. Higher safety factor.
- 9. UV resistant.
- 10. Guaranteed runnage.
- 11. Unaffected by acids & alkalis.
- 12. Adequate elongation for shock absorption.
- 13. Certified ropes available with exclusive packing & Test certificate with every bundle.
- 14. Specially designed on latest automated machines.
- In house testing done for every lot before supply for ensuring higher standard of safety.

# **POWERLINE ROPE**PP Serrited Film Rope - 3-Strand

Hawser-Laid
(According to IS 14929-2001)

Nominaldia (Reference number)	Mass/ 220Mtr.	Linear breaking strength	Linear density
Mm	Min Kg	Kgf	Ktex
18	32.50	5800	148.00
20	40.00	6960	180.00
22	48.50	8370	220.00
24	57.00	9450	260.00
26	67.00	11025	305.00
28	78.00	13050	355.00
30	89.00	14850	405.00
32	101.00	16930	460.00

26mm and 30mm not covered under IS 14929 For Liner density & Mass





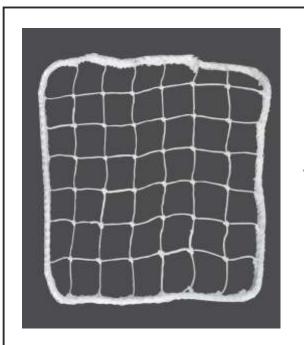


Higher safety factor. More efficiency.

Structure, Assembly and Errection of Transmission Towers



These nets reflect TUFROPES commitment to bringing innovation to the roof insulation business.



### **ADVANTAGES:**

- Aesthetic Appeal Faster Completion
- Economical Seismic Resistance Ease of Expansion Maintenance Free Large Clear Spans
  - Controlled Quality Hassle Free

# **APPLICATIONS:**

- Industrial Buildings Warehouses
- Commercial Complexes Showrooms
- Offices Schools
   Indoor Stadiums
- Outdoor Stadiums with canopies
   Gas Stations
  - Parking Lots
     Aircraft Hangars

# **TUFROPES SCOPE**

- Safety nets for roof insulation application.
- Convert the traditional wire mesh rope net to Tufropes durable safety nets.

# **PRODUCTS**

# CHOICE OF OPTIONS TO SUIT MULTIPLE REQUIREMENTS

2.5 mm, braided quality,
 54 mm sq mesh with or without border rope, white color in standard or custom made length,
 HDPE net.









THE ONLY ZERO
COMPROMISE SLING

**POLYPROPYLENE ROPE SLINGS** 

FULLY TRUSTWORTHY
HIGH PERFORMANCE SLING
FOR LIFTING AND MATERIAL HANDLING

#### **TUFROPES SLING USPS:**

- 4Tuck Hand Splicing for extra strong grip on loops.
- Splicing area covered with Tufropes branded BOPP adhesive tape.
  - Minimum eye loop length: 250mm.
  - Tag on sling specifying: safe working load of sling.
    - Manufactured by technical specialists.



# FEATURES OF TUF MADE PP ROPE SLING

Sling made of PP Rope which are hand tucked and used for applications to pull cargo and lifting not very heavy package. They can be single legged or multi legged depending on the customers' requirement. They are made from 3 stranded PP Rope as per IS 5175:2014.

# ADVANTAGES OF TUF MADE PP ROPE SLING

- UV-Stabilized.
- Excellent strength.
- Light weight.
- Controlled elongation.
- · Long lasting.
- Zero maintenance cost.
- Snap-resistant.
- Non abrasive.
- Immunity to extreme atmospheric conditions.
- No water absorption.
- Resistance to rot, mildew and marine organism.
- Excellent shock absorption capacity.
- No corrosion when comes in contact with alkalies, acids, chemicals or canned juices, unlike steel wire rope.
- Recoils during cane unloading operation.
- As compared to wire ropes, are harmless and don't cause injury during usage.
- No damage to machinery even when stuck in the crusher.
- No loosening during cane handling operation.

# **SPECIFICATIONS**

ROPE US	ED FOR PP S	LINGS CONF	FIRMS TO IS-	5175:2014
12	480	960	960	1920
14	701	1402	1402	2804
16	1006	2012	2012	4024
18	1311	2622	2622	5245
20	1730	3461	3461	6921
22	2178	4357	4357	8713
24	2719	5439	5439	10877
26	3181	6363	6363	12725
28	3880	7760	7760	15521
30	4457	8913	8913	17827
32	5128	10255	10255	20510
36	6934	13868	13868	27736
40	8498	16995	16995	33990
44	10997	21994	21994	43988
48	12690	25380	25380	50759

TUF PP ROPE SLINGS reflects TUFROPES commitment to bringing innovation to cargo and lifting material handling





Stability and Weather

@@tufropes





Quality, Safety

nets and ropes

(f)facebook.com/tufropes

**Excellent Shock** Absorption, Knot Stability and Weather **Proof** 



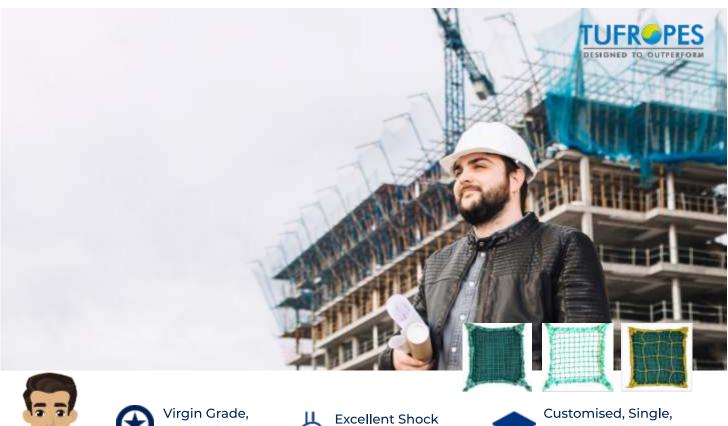
Customised, Single, Double & Triple Braided & Non **Braided Nets** 

Braided & Non

in tufropes-pvt-ltd

**Braided Nets** 





International Quality, Safety nets and ropes

Absorption, Knot Stability and Weather Proof



Double & Triple Braided & Non **Braided Nets** 

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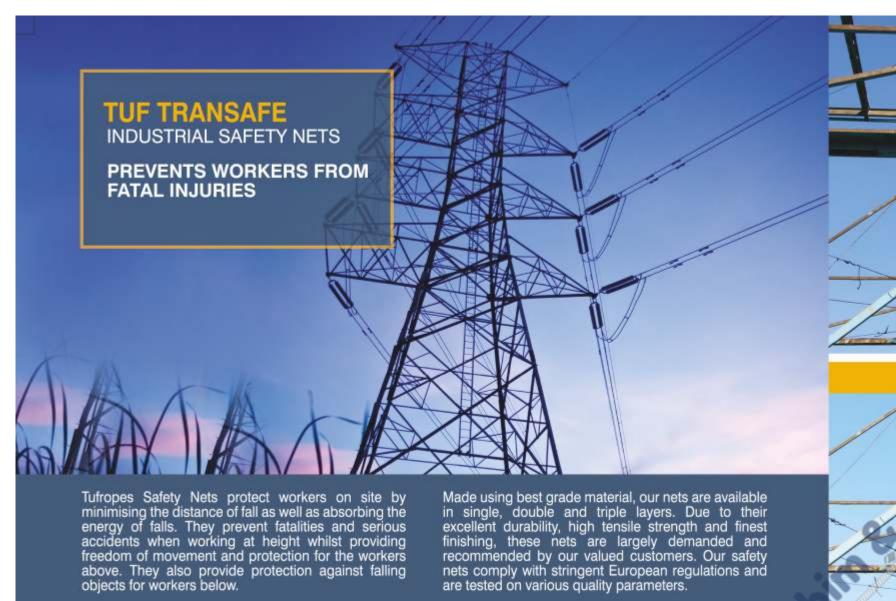


**Excellent Shock** Absorption, Knot Stability and Weather Proof



Customised, Single, Double & Triple Braided & Non **Braided Nets** 

www.tufropes.com



#### TUF TRANSAFE ADVANTAGES

- High strength and durability for excellent shock absorption
- Heat treated for better knot stability and prevention from skewing
- Resistant to degradation due to UV rays
- Machine made nets for uniform mesh size
- · Equipped with high strength border ropes and tie cords for easy and reliable installation

#### AVAILABLE IN

- Standard as well as customised sizes
- Braided Twine Nets, Twisted Twine Nets, Knotless Nets and Knotted Nets
- Can be supplied along with containment net for arresting smaller debris

#### IDEAL FOR USE IN

- Construction and re-development sites

- Erecting power transmission towers

# **OUR SAFETY NETS PREVENT WORKERS AND** PEDESTRIANS FROM FATAL INJURIES

Dynamic Drop Test

Falls from height is one of the most significant causes of death or a major injury at a construction site. Similarly, an object falling from a height can also be life taking. Safety nets are therefore a preferred solution as they offer collective protection from falls.



#### **APPLICATIONS**





#### **APPLICATIONS**







# TUF SAFE MAKING CONSTRUCTION SITES SAFE AND PRODUCTIVE

Tufropes products and services aim to achieve greater efficiency by providing optimally costed protection concepts.

The know-how and expertise of Tufropes is put at your service by giving you the basis on which you can make well-founded decisions. The carefully chosen materials and finishing methods increase the product's durability and enables correct usage of their systems. Tufropes is proud of its long-term partnership with its customers.

# THE TUF SAFE STANDARD IS ON THE HIGHEST QUALITY LEVEL AND ON PAR WITH REPUTED INTERNATIONAL STANDARDS

Tufropes guarantees the high quality of its products and makes it easier to select the right safety solution.

Certificate no.	01-06-18
Product	Wrap Knit Fabric (Mono) TUF SHADE Net 300 gsm
Туре	Mono x Mono
Colour	G. Yellow
GSM (+/- 5%)	300
Shade % (+/- 5%)	75%
Bursting strength (kgf/cm2)	25 kgf/cm2
UV stabilization	Checked ok

\*The above tests are conducted at standard lab conditions at 18 degs to 25 degs C

#### APPLICATIONS: SAFETY NETS AT CONSTRUCTION SITES









# CERTIFICATES

















