

Tiger Mooring Ropes

8 Strand Square Plait PP/PE Crushed Mono Rope

Tiger mooring rope is a blend of compatible Polypropylene and Polyethylene fibres, specially processed to combine the key features of this commercial marine product.



FEATURES/ BENEFITS

- Abrasion resistance
- High strength to weight ratio
- Shock load resistant
- UV resistant with excellent weathering properties
- Not affected by water
- Floats on water
- Kink resistance
- Distinctive colours
- 1.8m HD covered eye splice each end
- Certified to standards and supplied with either ABS, APAVE, DNV or MEG4 Certification
- Break force conforms to ISO2307:2019
- Testing conforms to ISO15072:2009 and ISO1346:2021

APPLICATIONS

- Marine, fishing, rural, heavy industrial, oil exploration
- Slings
- Mooring
- Towing
- Docking
- Anchoring
- Fibre rope tails

FIBRE CHARACTERISTICS

Fibre type	Description	Specific gravity	Sensitive to	Resistant to	Heat reaction	Strength and elongation
PP (Polypropylene)	Continuous Filament	0.91	Sodium hypochlorite and some hot organic solvents. Very susceptible to sunlight but with suitable additives, loss of strength is retarded.	Hot and cold acids like alkalis	Shrinks rapidly from flame. Curls and melts at about 165°C.	High tenacity. Good recovery from stretch and elongation at break for film ropes is 25-30%.
PE (Polyethylene)	Continuous Filament	0.95	Xylene at 95°C, hot nitric or Sulfuric Acids. Some hot organic solvents. Sensitive to prolonged sunlight exposure.	Most acids, alkalis, grease, oils and organic solvents.	Softens 100°C, Melts 110-120°C.	High tenacity with good recovery after stretch and extension at break of 50%.

RANGE/TECHNICAL

Product Code	Plt Qty	Description	Coil wt/kg	Unspliced Breaking Force KN	Unspliced Breaking Force kg	Spliced LDBF ton (metric) OCIMF MEG 4 UOM	UOM
8 Strand		PP/PE ROPE 8 STRAND WITH 1.8M EYE SPLICE EACH END					
RROS24TSQ	4	Tiger Rope 8 Std 24mm x 220m Yellow/Black	57	100	10200	9.10	Coil
RROS32TSQ	4	Tiger Rope 8 Std 32mm x 220m Yellow/Black	101	170	17425	15.60	Coil
RROS40TSQ	2	Tiger Rope 8 Std 40mm x 220m Yellow/Black	158	274	28000	25.20	Coil
RROS48TSQ	1	Tiger Rope 8 Std 48mm x 220m Yellow/Black	229	387	39500	35.50	Coil
RROS56TSQ	1	Tiger Rope 8 Std 56mm x 220m Yellow/Black	312	509	52000	46.80	Coil
RROS64TSQ	1	Tiger Rope 8 Std 64mm x 220m Yellow/Black	407	662	67550	60.70	Coil
RROS72TSQ	1	Tiger Rope 8 Std 72mm x 220m Yellow/Black	515	828	84500	76.00	Coil
RROS80TSQ	1	Tiger Rope 8 Std 80mm x 220m Yellow/Black	638	1019	104000	93.60	Coil

***12 strand Tiger rope made to order upon request and subject to a lead time**

* NOTE breaking force is for unspliced rope, spliced rope is less 10% as per ISO 10572

** NOTE The MBL should never be considered as the safe working load of Rope. For calculating safe working load please refer factor of safety = Breaking force/6 & 9. Specifications subject to $\pm 5\%$ variation.

Breaking Force Graph

(compared to Standard PP 8 Plait Square Rope)

