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TECHNICAL DATASHEET

BR10/14
Anchorage Solution

Braided Rope

Product Introduction:

- Braided rope is a type of rope made by braiding yarn together to form a tube-like structure. It's known for being more flexible and smoother to handle than twisted rope.
- Braided ropes are generally made from nylon, polyester, or high performance fibres such as high modulus polyethylene (HMPE) and aramid. Nylon is chosen for its strength and elastic stretch properties.

Features:

- Design: Heavy duty rope with low elongation & high static strength.
- Construction: Round, smooth construction: Braided ropes have a round, smooth construction that distributes wear over a greater area.
- Strength: Braided rope is strong and durable, making it a good choice for applications that require high strength and durability, such as rigging and halyards in sailing and boating.
- Resistance to abrasion: Braided rope's round, smooth construction distributes wear over a larger area, making it more resistant to abrasion than other types of rope.
- UV resistance: Braided polyester rope has a high resistance to ultraviolet rays.
- Types: Braided r opes can be single or double braided, with the double braided rope being thicker and stronger.

Benefits:

- **Durability:** Braided ropes are strong and durable, and can withstand a lot of weight.
- **Increased efficiency:** Braided ropes can increase efficiency during stringing operations.
- **Versatility:** Braided rope is highly versatile and can be used for a wide range of applications.
- **Longer lifespan:** Braided cables have a longer lifespan because they are less prone to kinks and twists.
- **More rigid:** Braided cables are more rigid and durable, and hold their shape for longer.

Product Specifications:

Model:	BR10/BR14
Rope Material:	Polyester
Rope Dia: Breaking Strength:	Ø10.5 mm & Ø14 mm 22 kN (Minimum)

Lengthwise Model Code:

Model	Length
BR10-30	30 Meter
BR10-40	40 Meter
BR10-50	50 Meter
BR10-60	60 Meter
BR10-70	70 Meter
BR10-100 BR10-150	100 Meter
BR10-200 BR14-30	150 Meter
BR14-50	200 Meter
BR14-100	100 Meter
BR14-150	150 Meter
BR14-200	200 Meter

Standard:

CONFORMING TO EN 1891 to EN 567

CE

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A nchorage Braided Rope

Applications:

- Construction work: Braided ropes are used for lifting and hoisting heavy equipment, securing loads, and other applications that require high strength and durability.
- Rescue operation: Braided ropes are used for emergency life-saving operations such as rescue job.
- Fall arrest: Braided ropes are used for fall arrest and other work at heights.
- Lifting and hoisting: Braided ropes are used to lift and hoist heavy equipment.
- Securing loads: Braided ropes are used to secure loads.

Industries:

The Braided Ropes are essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.

Safety Information:

- Avoiding injury:Should not stand in line with a rope that's under tension, as it could recoil and cause injury.
- Avoid abrasive surfaces: Workers or users should avoid contact between the rope and abrasive surfaces.

Usage Instruction:

- Inspection: Inspect the rope regularly for any signs of wear, damage, or cuts.
- Proper Care: If the rope becomes dirty, it should rinse with clean water and allow it to dry completely before storing. Should be avoid using harsh chemicals or abrasive materials to clean the rope. Replace the rope if it shows signs of significant wear or damage.

Storage:

- Always Braided Rope should be stored in a dry area away from ultra violet rays.
- Should not store in direct/ high heat or sunlight as this may distort the colour.
- Should be stored and transported in their original cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.

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