



TECHNICAL DATASHEET

PR14

Anchorage Solution

Twisted Polyamide Rope

Product Introduction:

- Polyamide is the most widely used fibre for making high-quality ropes from synthetic materials. The most familiar type of polyamide is nylon
- Polyamide ropes are the most popular type among synthetic ropes for their abrasion resistance, flex resistance, heat resistance, atmosphere resistance and abrasion of energy. Polyamide ropes, also known as nylon ropes. Made of polyamide 3 strand ropes with indicator orange & black running lines.



Features:

- **Design:** Tie of anchor line made of polyamide twisted 3 strands rope. One side connected with a carabiner and other side has end loop.
- **Strength:** Polyamide ropes have a good strength-to-weight ratio.
- **Resistance:** Polyamide ropes are resistant to breakage, chemicals, solvents, abrasion and water. Polyamide ropes have good chemical resistance to organic solvents and acids.
- **Shock absorption:** Polyamide ropes have excellent shock absorption capability.
- **Electrical insulator:** Polyamide ropes are good electrical insulators when dry.

Benefits:

- **Durability:** Polyamide ropes are durable and long-lasting and can withstand prolonged exposure to sunlight, moisture and other environmental factors.
- **Flexibility:** Polyamide ropes are flexible, allowing them to adapt to the shape of the structure they are used on.
- **Lightweight:** Despite their strength, polyamide ropes are lightweight and easy to handle.
- **Versatility:** Polyamide rope is highly versatile and can be used for a wide range of applications.

Product Specifications:

Model:	PR14
Rope Material:	Polyamide (Nylon)
Rope Dia:	Ø14 mm
Breaking Strength:	22 kN (Minimum)

Lengthwise Model Code:

Model	Length
PR14-10	10 Meter
PR14-20	20 Meter
PR14-30	30 Meter
PR14-40	40 Meter
PR14-50	50 Meter
PR14-60	60 Meter
PR14-70	70 Meter
PR14-100	100 Meter
PR14-150	150 Meter
PR14-200	200 Meter

Standard:

CONFORMING TO EN 353-2:2002



Anchorage Polyamide Rope

Applications:

- **Construction Industry:** Polyamide rope is used in construction industry for a variety of applications such as Rope access, Towing and pulling, Marking and barriers, Knotting and securing.
- **Rescue operation:** Polyamide ropes, also known as nylon ropes, are used in rescue operations because of their strength, shock absorption, and versatility.
- **Fall arrest:** Polyamide ropes are used in vertical fall arrest systems that protect workers from falls while working on ladders, scaffoldings, and other elevated surfaces.

Industries:

The Polyamide 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.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- **Avoiding standing in line:** Should not stand in line with a rope that's under tension, as it could recoil and cause injury.
- **Avoid shock loading:** Users should avoid shock loading the rope whenever possible.

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 Polyamide 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.