



Synthetic Hemp Rope

FEATURES



- 3 Strand replacement for natural fibre ropes
- Holds shape under load
- UV stabilised
- Elongation at break approx 20%, however at lesser loading you get much lower elongation i.e. at 20% of total, you would get approx 4-5% elongation

RANGE/TECHNICAL

- 3 strand rope
- Natural colour
- Available in 4mm - 40mm diameter

Size (mm)	Weight per 100m	Breakload (kg)
12	6.6	2030
16	12	3500
20	18	5370
22	22	6500
24	26	7600
30	41	11500

APPLICATIONS

- Theatrical
- Decorative
- Sailing vessels
- Playground Equipment

FIBRE CHARACTERISTICS

Fibre:Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & 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 165°C.	High tenacity. Good recovery from stretch and elongation at break for ropes is 25-30%