

PP/PE Aquatec Rope



3 Strand Hawser Laid PP/PE Crushed Mono Rope

Aquatec's fibre is a new era blend of compatible PE and PP fibres, specially processed to combine the key features of each individual fibre.

Applications

- Marine, fishing, rural, heavy industrial
- Truck ropes
- Nets
- Ladder ropes
- Foot ropes
- Tarpaulin ties
- Blasting mats
- Car tow ropes
- Air sea rescue lines
- Slings
- Control ropes
- Head lines
- Ducting draw cords

Features/Benefits

- Abrasion resistance
- High strength to weight ratio
- Shock load resistant
- UV resistant with excellent weathering properties
- Excellent knotting and splicing
- Not affected by water

Fibre Characteristics

(Aquatec is a combination of these 2 fibres)

Fibre Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & Elongation
Polypropylene	Continuous Filament	0.91	Sodium hypochlorite & 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 & melts at about 165°C	High tenacity. Good recovery from stretch and elongation at break for film ropes is 25-30%
Polyethylene	Continuous Filament	0.95	Xylenes at 95°C, hot nitric or Sulfuric acids. Some hot organic solvents. Sensitive to prolonged sunlight exposure	Most acids, alkalis, grease, oils & organic solvents	Softens 100°C, Melts 110-120°C	High tenacity with good recovery after stretch and extension at break of 50%