

Sicor International PP Film Ropes



1. Construction:

Polypropylene PP Split film tape construction twisted 3 strand rope

Available as:

Twisted 3 strand

Twisted 4 strand

Braided 8 strand

2. Other Data:

Density: 0.91

Stretch: Low elongation

Softening Point

Polypropylene plastifies about 150 - 155°C

Effect of High Temperature

Melts at 175°C

Effect of Low Temperature

Polypropylene retains its flexibility at very low temperature and does not become rigid under freezing conditions.



Flammability on the normal PP

Burns slowly in air, fine filaments tend to melt and drop away before propagating a flame.

3. Chemical Properties

PP, being a paraffin hydrocarbon is inherently chemically inert and highly resistant to a wide range of chemicals at ordinary temperatures.

PP fibres have a high resistance to acids and alkalis at all concentrations. They are attacked by nitric acid. They are insoluble in most common organic solvents at room temperature.

4. Electrical Properties

PP is an outstanding electrical insulator, especially to high frequency currents.

5. Insects and Micro-organisms

The fibres are not digested by insects and are completely resistant to bacteria, mildew and other micro-organisms. This makes them virtually rot proof.