

Tunnel Rope



3-STRAND HDPE ROPE WITH UV STABILISER

This rope has been specifically designed to endure years of harsh sunlight in the unrelenting African climate, making it perfect for many agricultural applications, especially securing plastic sheeting on crop tunnels. Tunnel Rope is resistant to UV degradation and absorbs shock loads well. The slippery-smooth finish is easy to handle and adds to the rope's abrasion resistance. All Tunnel Rope manufactured by Southern Ropes conforms to and exceeds ISO 1969:2004.

FEATURES:

- Low Friction
- Easy to Handle
- Good UV & Abrasion Resistance
- UV Stabiliser

APPLICATIONS:

- Securing plastic sheeting on agricultural crop tunnels
- Greenhouse and shade-net structure tie-downs
- Agricultural support and fastening applications
- Vineyard and orchard support lines
- General farm and nursery use
- Temporary fencing and demarcation lines
- Light-duty industrial lashings and securing applications

STANDARD RANGE:

- Diameter: 6 & 8 mm
- Coil: 220m
- Available in Black

PHYSICAL PROPERTIES:

- Construction: 3-Strand Hawser Lay
- Material: High-Density Polyethylene
- Yarn Type: Extruded Monofilament
- Specific Gravity: 0.95 (Floats)

MECHANICAL PROPERTIES:

- Yarn Tenacity: 5 - 6 g/D
- Elongation at Break: 20 - 25 %
- Shock Absorption: Very Good
- Abrasion Resistance: Good
- Creep Resistance: Poor

THERMAL, CHEMICAL & ENVIRONMENTAL PROPERTIES	
Max Operating Temperature	80°C
Melting Point	140°C
Resistance	Acids, Alkalis, Organic Solvents
Susceptibility	Chlorinated Hydrocarbons
Moisture Regain	0% (hydrophobic, does not absorb water)
Microbial Resistance	Excellent
UV Resistance	Good (UV-Stabilised)

STANDARD RANGE:		
Diameter (mm)	Weight / 100m	Linear Strength (Kg)
6	2.3	400
8	3.6	700

