



PES MONOFLEX® Shock Cord

DATA SHEET

Features and Benefits

This, extreme conditions shock cord has the highest U.V. and abrasion resistance of our range, which makes it a perfect fit for marine or all outside heavy work.

- The best option for extreme conditions; the PES elastic cord has an inner core with added U.V. agents and a PES braided cover that protects the rubber from ultraviolet radiations. This shock cord is perfectly suited for outdoor uses combined with, for example, sun protection for agriculture or aquaculture.
- Abrasion resistance is one of our PES shock cord main features. Designed to be used in marine conditions, it can suffer high friction without decaying.
- The inner cores unique feature of PES keeps the shock cord round when cut. The PES outer covering allows for a soft touch and an easy to bend shock cord perfect for making knots on boats or for general storage.
- Good pulling – return force is a must when you use shock cords on a boat or in industrial fields where high strengths are needed and Monoflex PES shock cord offers just that.
- When it comes to strength at breaking point, W70 has the best results in our range. High strength at break ensures safety when using the PES elastic cord. The PES will be perfect to maintain material where difficult weather conditions and high strains can be met.
- Monoflex PES Shock Cord is perfect for **Marine usage:** Boat protection covers - Retention of sails - Storage of accessories - Safety nets **Transport:** Tarpaulins for trucks and trailers **Sport and leisure:** Winter covers for swimming pools **Camping:** Awnings and tents **General industry:** Covers and safety nets for ponds - Protective nets for storage **Fruit and horticultural industry:** Anti-birds nets - Hail protection nets - Anti-insect nets - Frost protection covers **Aquaculture:** Oyster crates.



Technical Specifications

Nominal Diameter (mm)	8	10
Yarn Type	1000 Denier Polyester	
No. Threads in Yarn	64	80
Net Weight per 100m in Kg	4.8	7.8
Strength in N at 25% stretch	32	48
Strength in N at 50% stretch	44	62
Strength in N at 75% stretch	54	74
Strength in N at 100% stretch	69	89
Elongation at break in %	210	200
Strength at break in Newton	1314	1716
Tolerance on stretch and break	+/- 15%	
Range of Use	25 to 75 % Elongation	

Outer Covering: HIGH DENIER INDUSTRIAL YARN

Type	SPEC	Denier	Tenacity/Denier	Elongation %	Hot Air Shrinkage % 177°C 2 minutes	Interlace	Twist
FR2106PO	1000D/192F/RAW White	1000 +/- 15	9.10 +/- 0.3	14.00 +/- 2.0	9.5 +/- 1.50	Yes	0

Inner Core: Mono thread of natural extruded rubber with anti UV agents

P T WIN PRODUCT CODE – SCP(size)100(colour)

P T Winchester Ltd

Broadgauge Business Park Bishops Lydeard, Taunton Somerset TA4 3RU
T. 01823 431885 E-mail. sales@ptwinchester.co.uk