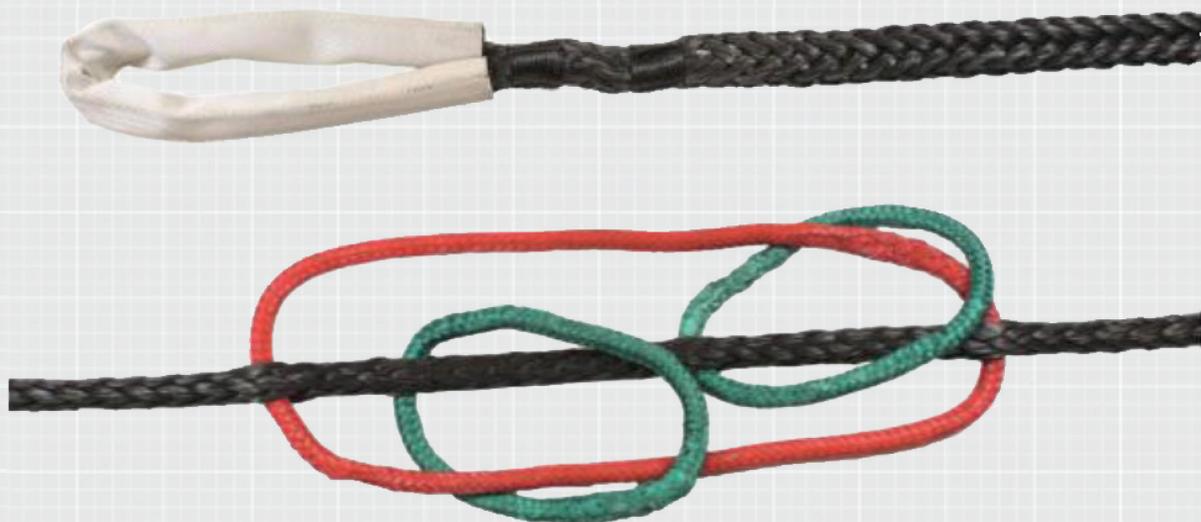


Marlow[®] DATASHEET

S.P.I.E DPX FLOATING ROPE

Marlow's innovative system is a light-weight and super strong extraction rope ideal for waterborne operations. It is designed to carry 10 to 12 personnel and has a 2 loop colour coded integrated safety system for all personnel with the yellow loop for easy retrieval. This product is designed to float, allowing significantly easy retrieval on water borne operations. Spliced eye termination



APPLICATIONS

Insertion, Extraction from water (floats), Standard length 40 metres, part number TAU012

MATERIAL

MAIN ROPE:

Manufactured from HMPE (High Modulus Polyethylene)
Very light weight - more than 8x lighter than steel wire for a given strength
High strength - 80% stronger than steel wire for a given weight
Low stretch - see table below

PERSONNEL LOOPS:

Good resistance to chemicals and UV
Zero water absorption & shrinkage (floats)
Manufactured from HMPE (High Modulus Polyethylene)
Very light weight - more than 8x lighter than steel wire for a given strength
High strength - 80% stronger than steel wire for a given weight
Low stretch - see table below
Good resistance to chemicals and UV
Zero water absorption & shrinkage (floats)

CONSTRUCTION

TWISTED FIBRE CONSTRUCTION:

Improved abrasion resistance

12 STRAND BRAIDED CONSTRUCTION:

Optimised pitch to yarn twist - improves strength & longevity

Firmer rounder rope, aids handling

Flexible product and easily handled

PROPERTIES

| | |
|------------------------------|---|
| RELATIVE DENSITY: | 0.97 (floats) |
| CHEMICAL RESISTANCE: | Excellent resistance to most chemicals (additional information available on request) |
| UV RESISTANCE: | Good |
| MELTING POINT: | 140°C |
| CRITICAL TEMPERATURE: | 80°C (exposure to temperatures over this will result in permanent strength loss) |

TERMINATIONS

| | |
|---------------------------------|-----------------------------|
| SPLICED EYE TERMINATION: | Soft eye splice as standard |
|---------------------------------|-----------------------------|

PERFORMANCE

| DIAMETER | LENGTH | SE PART NUMBER |
|----------|--------|----------------|
| mm | m | kg |
| 20 | 27.4 | TAU010 |
| 20 | 40 | TAU010 |

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Certification Number 315

ISO 9001