Marlow’s new extraction system has been designed for the transportation of a larger number of personnel with increased safety.
- Higher strength to accommodate greater number of personnel (10 to 12 as standard)
- 2 loop colour coded integrated safety system for all personnel
- 1 (yellow loop) for easy retrieval
- Spliced eye termination.

**APPLICATIONS**
Standard length 40m. Personnel insertion and extraction

**MATERIAL**

**MAIN ROPE:**
- Manufactured from Polyester
- Unaffected by water
- Zero shrinkage
- High Elongation (Low shock loads)

**PERSONNEL LOOPS:**
- Manufactured from UHMPE (Ultra High Modulus Polyethylene)
- Very light weight - more than 8x lighter than steel wire for a given weight
- High strength - 80% stronger than steel wire for a given weight
- Low stretch - see table below
- Good resistance to chemicals and UV
- Zero water shrinkage

**CONSTRUCTION**

**TWISTED FIBRE CONSTRUCTION:**
- Improved abrasion resistance

**12 STRAND BRAIDED PES CORE CONSTRUCTION:**
- Firmer rounder rope, aids handling
- Flexible product and easily handled
- Torque balanced

**24 PLAIT OPTI-TWIST PES COVER CONSTRUCTION:**
- Improved abrasion resistance
- Increased elongation (Low shock loads)
DISCLAIMER
Marlow Ropes Ltd endeavours to ensure that all products are manufactured to the highest standard, these guidelines are not intended and do not create any warranties, express or implied.
Marlow Ropes Ltd expressly disclaims warranties or representations of any kind, express or implied, including the implied warranties of merchantability and fitness for a particular purpose.
Marlow Ropes Ltd shall not be liable for any consequential, incidental or contingent damages whatsoever stemming from the use of these guidelines.
Marlow Ropes Ltd has a policy of continual improvement which may result in specification and colour changes without prior notice.

PROPERTIES
RELATIVE DENSITY: 1.38
CHEMICAL RESISTANCE: Excellent resistance to most chemicals
UV RESISTANCE: Excellent
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
MAIN ROPE:

<table>
<thead>
<tr>
<th>DIAMETER</th>
<th>CIRCUMFERENCE</th>
<th>MASS</th>
<th>AVERAGE STRENGTH</th>
<th>MIN STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>Inch</td>
<td>g/m</td>
<td>kg</td>
<td>lb</td>
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PERSONNEL & SAFETY LOOPS:

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<tr>
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<th>CIRCUMFERENCE</th>
<th>MASS</th>
<th>AVERAGE STRENGTH</th>
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<tr>
<td>mm</td>
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<td>kg</td>
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