

Marlow®

DATASHEET

S.P.I.E WPX Floating Rope

Marlow's floating extraction system allows easier retrieval from waterborne operations.



- Designed to carry 10 to 12 personnel
- 2 loop colour coded integrated safety system for all personnel
- 1 Yellow Loop for easy retrieval.
- Floats allowing easier retrieval from water operations
- Super strong & light-weight – the main rope has been designed for low shock loads

Applications:

- Standard length 40 metres - Part Number: TAU013
- Insertion & extraction

Material:

Main rope:

Manufactured from Polyolefin

Hardwearing
Lightweight (floats)
Very high elongation (low shock loads)

Personnel Loops:

Manufactured from UHMPE

UHMPE (ultra high modulus polyethylene)
Very lightweight - more than 8 x 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:

Physical properties:

Relative density: 0.93 (floats)
Chemical resistance: Excellent resistance to most chemicals (additional info 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

DIAMETER		MASS		AVERAGE STRENGTH			MINIMUM STRENGTH		
mm	inch	g/m	lb/100ft	kg	lb	kN	kg	lb	kN
MAIN ROPE									
30	1 12/64	495.5	33.23	16880	37136	165.6	15100	33300	148.1
PERSONAL & SAFETY LOOPS									
10	13/32	48.6	3.26	3860	8492	37.9	3860	8492	37.9

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