

# Marlow DATASHEET<sup>®</sup>

## RECOVERLINE



Marlow Recoverline has a unique outer braid that provides protection from abrasion, UV and other source of external damage. This cover is designed to provide excellent abrasion resistance and to protect the core, however if it becomes damaged then the contrasting colour core becomes visible resulting in a clear retirement point before there is any significant strength loss.

### CONSTRUCTION

- MATERIAL:** UHMPE (Ultra High modulus polyethylene)
- CONSTRUCTION CORE:** 12 Strand braided
- CONSTRUCTION COVER:** 16 plait braided
- COATING:** Marlow ArmourCoat PU impregnation (contrasting colours core and cover)

### PROPERTIES:

High strength: Improved Safety (approximately 16% stronger than steel wire in the same diameter).  
 Light weight: Easily handled.  
 Low elongation: Low stored energy improves safety.  
 Synthetic fibre: No wire splinters.  
 UHMPE cover: Improved abrasion resistance compared to uncovered rope.  
 12 strand core: Spliceable.  
 Armourcoated: Improves abrasion resistance and feel.  
 Contrasting core colour: Easily identifiable retirement point.  
 Excellent UV resistance: Durable and suitable for long term outdoor use.  
 Excellent chemical resistance: Resistant to most common chemicals.

**N.B. KNOTS WILL SIGNIFICANTLY REDUCE THE STRENGTH OF ANY ROPE. THIS PRODUCT WILL TYPICALLY RETAIN APPROXIMATELY 40% OF ITS STRENGTH IF TERMINATED WITH A KNOT. THE EXACT FIGURE WILL DEPEND ON THE TYPE OF KNOT USED AND OTHER FACTORS.**

MATERIAL	DIAMETER		MASS		AVERAGE STRENGTH			MIN STRENGTH		
	mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
SK78	10	13/32	57.5	3.86	7510	16600	73.7	6980	15400	68.5
SK78	12	15/32	90	6.04	10800	23800	106	10000	22100	98.5
SK78	14	9/16	124	8.28	15100	33300	148	14100	31000	138

MATERIAL	DIAMETER		MASS		AVERAGE STRENGTH			MIN STRENGTH		
	mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
SK99	10	13/32	57.5	3.86	8940	19700	87.7	8220	18100	80.7
SK99	12	15/32	90	6.04	12500	27500	123	11500	25300	113.0
SK99	14	9/16	123.5	8.28	17500	38600	172	16100	35500	158

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