

# SYNTHETIC LONGLINES

P/N: SLS-000-000-000-000-00



## FEATURES

- Heavy duty stainless tubular steel thimbles (up to 5/8" line)
- Quik Zip® cover option: heavy duty full-length waterproof zipper

## TECHNICAL

- Rope melting point: 285°F
- WLL Elongation: 0.5 to 0.7%
- Elongation at break: 4 - 6%
- Custom thimble inside diameter: 2.5"

## MATERIAL

- 12-strand braided, 100% High Modulus Polyethylene
- Quik Zip® zipper or "Hook and Loop" protective cover options

## ABOUT

Emergco® Synthetic Fibre Long-Lines utilizes UHMPE® 12 strand fiber for an ultra-high strength, lightweight lifting line. Emergco certifies lines at an industry leading 9:1 safety factor.

UHMPE® is widely used to replace wire-rope where extremely low-stretch and high strengths are required. Its resistance to abrasion and chemicals is unsurpassed by any other synthetic fibre.

Emergco® Synthetic Long-Lines will give the user many years of service, they are lightweight, flexible, serviceable, and easy to handle. Our lines ensure that our customers get the most useful load for the longest line life – with margin to spare.

- 10 year service life\* (2 years of stowage with 8 years in service)
- Stainless steel tubular steel protects line ends
- Many options available (Protective covers, electrical conductor, end hardware, etc.)
- High quality performance with lower lifecycle costs

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**emergco**®  
AEROSPACE

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# SPECIFICATIONS

Rope Diameter	Weight (lbs/100ft)	Min. Tensile Strength Spliced	WLL 7:1 ratio (Minimum)	WLL 9:1 ratio (Recommended)
7/16"	4	21,000 lbs.	3,000 lbs.	2,300 lbs.
1/2"	7	31,350 lbs.	4,500 lbs.	3,500 lbs.
9/16"	8	42,636 lbs.	6,000 lbs.	4,800 lbs.
5/8"	11	55,427 lbs.	7,900 lbs.	6,100 lbs.
3/4"	13	66,086 lbs.	9,500 lbs.	7,500 lbs.
13/16"	16	81,008 lbs.	11,600 lbs.	9,000 lbs.
7/8"	20	95,931 lbs.	13,700 lbs.	10,700 lbs.
1"	24	110,770 lbs.	15,900 lbs.	12,300 lbs.
1 1/16"	28	127,908 lbs.	18,300 lbs.	14,200 lbs.
1 1/8"	32	144,926 lbs.	20,700 lbs.	16,100 lbs.
1 1/4"	36	164,149 lbs.	23,500 lbs.	18,300 lbs.
Rope Diameter: other sizes available WLL: Nearest 100 lbs.				

Questions? Contact us for more information at +1 604 980 8411 or sales@emergco.com

## ADDITIONAL INFORMATION

- Emergco® heavy duty stainless steel thimbles available for line size up to 5/8" (larger lines c/w powder-coated tubular steel thimble or stainless steel tubular thimbles)
- Additional end hardware available on request
- Long-line inspection and overhaul services available
- All lines come with heavy duty duffel-style carrying bag

### QUIK ZIP® COVER OPTION

- Close-fitting for superior flight characteristics and stowage
- Sealed waterproof zipper for maximum line longevity
- Fast, easy removal for inspection and servicing

### VELCRO® COVER OPTION

- Adjustable for larger conductor sizes
- Proven, reliable closure of hook-and-loop fastener

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