

Heavy-Lift Helicopter Longline

Category : **Helicopter External Load** Helicopter Long Lines

DESCRIPTION

Barry heavy-lift synthetic longline systems offer helicopter operators a lightweight, easy-handling and reliable option for external load/underslung applications.

System Includes

- Synthetic rope longline (Dyneema® fiber)
- Master link at top end
- Protective double zipper jacket for easy inspection of longline & wire
- Electrical cable with connectors*
- Permanent ID tag
- Certificate of compliance (COC)
- User instructions manual
- Transport/storage bag

Optional / Accessories

- Weighted bottom end-cover for increased load-stability and velocity without load
- Jacket with external helix for vibration control
- Non-electric swivel hook

TECHNICAL SPECIFICATIONS

10-year service and shelf life

Proof-loaded to 1.5 x WLL

Supported by Airworthiness Analysis to

**FAA CFR Title 14, Parts 27 & 29; EASA CS-27.865 & CS-29.865;
EC Machinery Directive 2006/42/EC; NATO STANAG 2286; NATO
STANAG 3542**

Standard lengths: 25', 50', 75', 100', 125', 150' and 200'
(Other lengths available upon request)



Product Code	Diameter	Working Load Limit	Weight (for 100')
DLH-11500	7/8"	11,500 lb	56 lb
DLH-14000	1"	14,000 lb	58 lb
DLH-21000	1-1/4"	21,000 lb	105 lb
DLH-29000	1-1/2"	29,000 lb	120 lb

Service and Shelf Life

Max. shelf life	Max. service life	Max. combined life (shelf + service)
10 years	10 years	10 years

Important: Parts are considered on-condition throughout their shelf and service life and must pass inspections and maintenance recommendations as per the manufacturer's user instructions manual.

Dyneema® is a trademark of DSM. Use of this trademark is prohibited unless strictly authorized.

* Standard electrical cable: 3C/14 SJTW/SJOOW 300V (Other gauges, conductors and multiple wire configurations available upon request)

* Male/Female connectors supplied, to be installed by end-user

RELATED DOCUMENTS

User instructions manual : <https://www.barry.ca/pages/instructions-manual-barry-synthetic-helicopter-longlines/>

Product page : <https://www.barry.ca/products/dlh-heavy-lift-helicopter-longline>