

D.E.W Line™ Dielectric Ropes - Barry

www.tengroup.com.au

Barry D.E.W Line™ Dielectric Rope Assemblies

Insulating Live Line Ropes offers unique and excellent dielectric properties and can be knotted.

This live line rope is designed for performing live work on or near AC or DC energized lines and apparatus.



Meets or exceeds the dry or wet electrical requirements of: IEC 62192:2009

Arc-Flash rated: Resistant to 40 cal/cm² (category 4)

**ARC-FLASH
RATED**

Features

- Unique insulating properties
- Knottable (reduces BL by 50%)
- Cleanable, easy to maintain and test
- Exceptionally low leakage current, wet or dry
- Protection from high fault current
- High strength - Low elongation
- Lightweight and low volume
- Fully sealed and hydrophobic
- Smooth surface
- High abrasion resistance
- Excellent resistance to changing weather conditions, UV, corona effect and temperature extremes
- Sealed termination at each end
- Easy storage in optional transport bag with desiccant

Ropes, Rope Assemblies and Nets are Completely Customisable

Tag Line

Part No: HL-NK1000

Insulating Rope Tool serves as an FRP tool replacement during temporary installations on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	WLL (kg)	Standard lengths (m)	Colour
HL-NK1000**	6	90	6.1-9.1-12.2**	Black w/orange terminations

Other lengths, diameters and WLL available. Contact TEN or further information



Live Line Rope

Part No: HL-NP

Insulating Live Line Ropes offers unique and excellent dielectric properties and can also be knotted. This live line rope is designed for performing live work on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	Breaking Load (T)	Standard Lengths (m)	Colour
HL-NP2800**	13	2.85*	15-30-45**	Orange
HL-NP4500**	14	4.53*	15-30-45**	Orange



Rescue Rope

Part No: HL-NF3400

High Angle Rescue Rope for evacuation of workers in energized fields on AC or DC.

Ordering Information

PART No.	OD (mm)	Breaking Load (T)	Length (m)	Colour
HL-NF3400**	12	3.4*	Nominate**	Orange w/tracer



* Reduce the Break Load by 50% when using knots

** Nominate Length Required

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Dielectric Live Line Rope Link

Part No: HL-NK1900

Insulating Rope link serves as an FRP tool replacement during temporary installations on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	WLL (T)	Lengths (m)	Colour
HL-NK1900**	22	3.175	Nominate**	Black

**Nominate Length Required

Other diameters and lengths available. Contact TEN for further information



Rope Link & included Storage bag

**ARC-FLASH
RATED**

Safety Nets

Part No: HL-NK1000C

Insulating safety net are constructed using Barry's proprietary D.E.W. Line® rope and their specially designed clips. They have excellent dielectric properties and are designed to serve as a safety barrier or guard structure installed on rider poles or infrastructures for power lines, road and railway crossings.

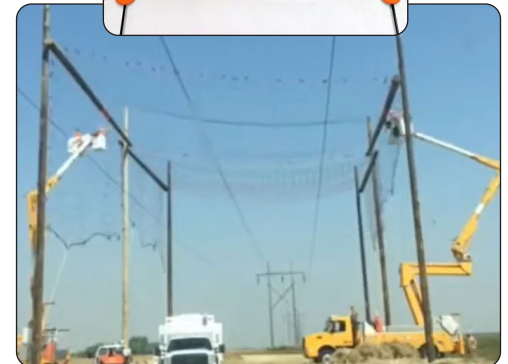
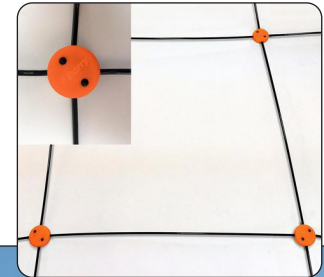
Protects and secures apparatus while performing hot/live work under AC or DC condition.

Ordering Information

PART No.	OD (mm)	Mesh Breaking Load (T)	Standard Sizes (m)	Colour
HL-NK1000C	6	2.85	21 x 30.5 21 x 45.7 21 x 61.0	Black Rope with Orange Junction Clips

Other widths, lengths and mesh sizes available. Contact TEN for further information

The dielectric safety nets are extremely durable and offer reliable dielectric properties similar to those of FRP tools and hot sticks. They are completely jacketed and sealed in order to eliminate contamination of the fibres which could otherwise permanently trap conductive dirt and moisture. They are easy to inspect and maintain.



Ropes, Rope Assemblies and Nets are Completely Customisable

Extensive range of Rope Products available. Contact TEN for further information



Barry D.E.W. Line®
Dielectric Helicopter
Longlines



Synthetic Transformer &
Regulator Lifting Beams



Barry D.E.W. Line®
Dielectric Winch Line



Barry D.E.W. Line® Lineman
Rescue Kit with retrievable
anchor strap