



AmerLink™

**JACKETED TOP DRIVE
SERVICE LOOPS**

**BUILT TOUGHER.
KEEPS YOU DRILLING LONGER.**

 **Nexans**
 **AmerCable
Systems**

AmerLink™

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Ask about our
field trial and
3rd party
testing results!

The **AmerLink™** jacketed top drive service loop is a *significant* design improvement over traditional hose-encased designs.

AmerLink's innovative construction elements work independently and collectively to support the weight and dynamic loads experienced in drilling operations. This next-generation, patented design technology eliminates many of the problems associated with hose-encased loops.



- **UNITED STATES PATENT NO. 9,449,737**
For complete loop assembly.
- **DIRECT DROP-IN DESIGN**
No modifications to existing bracket required.

- **REINFORCED INDUSTRIAL-STRENGTH PROTECTIVE JACKET**

- Designed for the extreme dynamic forces common in drilling operations
- Redundant mold-cured jacket, reinforced with stainless steel armoring and aramid fibers, provides super-tough, longer-lasting protection
- Carries the entire assembly load and prevents water ingress

- **SUPERIOR PULL-OUT / BREAKING STRENGTH**

58% improvement
(+7000 lbs) over potted
hose loops!



www.AmerCable.nexans.com
systems.sales@nexans.com

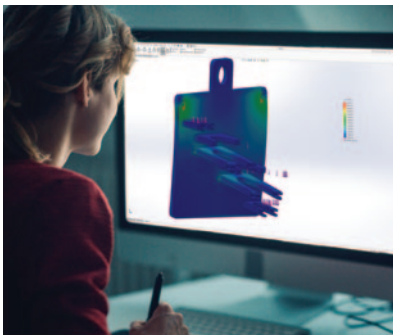




**FASTER
RIG-UP &
RIG-DOWN**

AmerLink delivers higher, longer-lasting performance in a smaller diameter, lighter weight service loop.

- **CUSTOM BRACKET DESIGN SERVICE FOR TOP DRIVE UPGRADES**

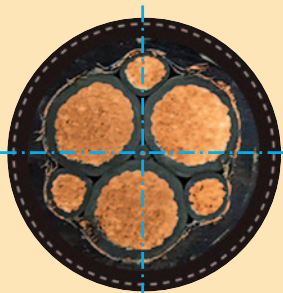


AmerLink's smaller diameter, greater flexibility and smaller bend radius **takes up less space in the mast**, making it ideal for top drive upgrades requiring more than one power loop.



- **LESS WEIGHT***
3% less for power loops and up to 21% less for instrumentation/control loops.
- **SMALLER BEND RADIUS**
16% smaller for power loops and up to 37% smaller for instrumentation/control loops.
- **HIGHLY FLEXIBLE & SMALLER DIAMETER**
More flexible than hose-encased design.
- **LOWER SHIPPING COSTS**
Lower weight and smaller bend radius can provide up to 5% in freight savings.

*Based on twin 400HP top drive with 3-loop system (777 VFD power, instrument, and auxiliary power). Contact factory for detailed information on a specific top drive.

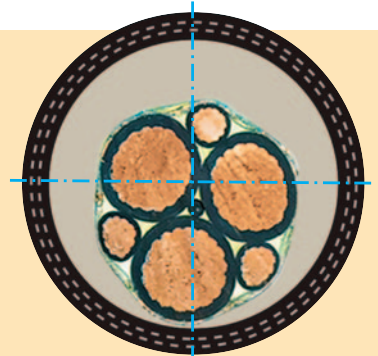


AmerLink

NATURAL CENTERING OF CONDUCTORS

AmerLink's manufacturing process centers the loop conductors, which balances stress on the components and delivers longer service life.

Hose-encased potted-loops have off-center cores, which puts increased stress on components during bending cycles.



Potted Hose-Encased

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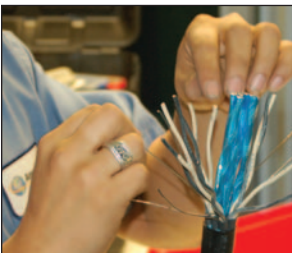


CONSISTENT MANUFACTURING QUALITY

Producing this style loop with a mold-cured jacket requires large cabling, braiding, and specialized extrusion equipment which only a cable manufacturer like Nexans AmerCable can offer.

AmerLink jacketed service loops are produced at our cable manufacturing facility in El Dorado, Arkansas, and then completed at our Nexans AmerCable Systems facility in Houston, Texas.

Our highly experienced technicians can install connectors as required. Each loop is computer-tested and packaged in weather resistant containers.



MEETS 2017 REVISION API RP14F

The 2017 revision of API RP14F imposes a 20% ampacity derating on non-potted power loops, which means conductor sizing for existing non-potted power loops may not be adequate. The new revision also states service loops must be "uniformly twisted." Therefore, straight-pulled power loops will not be recommended for use.

Nexans AmerCable Systems

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