



BIW™ All-Temp Spreader Handling Installation Instructions for cranes

Proper initial handling and installation of the BIW™ All-Temp Spreader Cable is critical to achieve long term performance.

1. Check for any visual damage to the cable which may have occurred from shipment. Report any defects to Draka immediately.
2. Optimally, the entire length of cable should be removed from the transport reel and suspended vertically to release any built-up torsion that may be present from the manufacturing and packaging (coiling) process. While the cable is full suspended, feed the bottom end of the cable first, into the basket. **The cable must be installed in a Clockwise rotation into the basket. Failure to perform this task can permanently damage the cable. Care should also be taken not to induce torsion onto the cable while it is being fed into the basket. At all times while the cable is being handled and installed into the basket, the cable's minimum bend radius (20 times the cable diameter) must be maintained. Failure to perform this task can permanently damage the cable.**
3. One cable end should then be rotated 180 degrees clockwise, before terminating both cable ends. Kellems grips or another form of stress relief should be used at the cable ends.
4. Once all of the cable is in the basket and the proper terminations have been made, the hoist should be operated slowly through its full travel (up and down) several times. If back wrapping occurs, the cable should be released at the boom termination, and another 180 degree clockwise rotation should be made before re-terminating.
5. Immediately after the cable is installed and terminated, a medium to heavy weight grease or lubricant should be applied to the jacket. Use of a light weight lubricant on the jacket is not desirable as a light weight lubricant will wear off the jacket quickly, making the cable operate dry. This condition can lead to improper coiling into the basket and potential cable failure.

If you have any questions or concerns regarding the installation or handling of the cable, please call Draka Cableteq USA at 800.333.4248 or 508.822.5444 or fax us at 508.822.1944 or e-mail us at us-sales@draka.com.