

## STANDARD ACCESSORIES

# BULL-KNOT JOINING PROCEDURE

The following joining procedures for Bull-Line® Pull Tape were developed for tying two lengths of Bull-Line™ together or tying one length of Bull-Line® to a pulling swivel or pulling eye. The Bull-Knot was developed to be simple to tie yet provide consistent high strength. It is compact in size which minimizes hangup when pulling through the conduit system. In laboratory tensile testing and actual field use, the Bull-Knot has proven to be more reliable and outperforms "bowline" and other more recently developed pull tape knots. The Bull-Knot also works well on lubricated Bull-Line®.

### JOINING TWO LENGTHS OF BULL-LINE®



**STEP 1:** Double up 12 inches of Bull-Line®.



**STEP 2:** Tie a loose overhand knot.



**STEP 3:** Retrace the original overhand knot with a double strand of the adjoining tape end.



**STEP 4:** Keep the flat surface in continuous contact between the two tape lengths.



**STEP 5:** Pull slack out evenly from both ends.



**STEP 6:** Wrap completed Bull-Knot ends with vinyl tape.

### JOINING ONE LENGTH OF BULL-LINE®



**STEP 1:** Double up 24 inches of Bull-Line® end to be joined to the swivel or pulling eye.



**STEP 2:** Tie a loose overhand knot in the double strand, about 18 inches away from the free tape end.



**STEP 3:** Thread the free end through the pulling eye or swivel.



**STEP 4:** Retrace the original overhand knot with the double stranded free end.



**STEP 5:** Keep the flat surface in continuous contact between the two doubled tape lengths. Pull slack out evenly from both ends and wrap completed Bull-Knot ends with vinyl tape.