

BULL-LINE PULL TAPE

www.duraline.com



Customer Service
800-847-7661



FEATURES:

- Stiff-Tape™ Lubricated Coating
-Resulting in High Performance Pull Tape
- Good blowability into conduit
- Lowest burn-through resistance
- Accurate sequential foot or meter markings
- Can be pre-installed into conduit
- Exceeds requirements of Bellcore GR-356-CORE
- Available on reels in a wide variety of lengths
- Locatable tracer wire option

Tensile Strength Range:
500 lb – 6,000 lb
(227 kg – 2,722 kg)

Approximate Width:
1/4" – 7/8"
(6 mm – 22 mm)

Woven Bull-Line® POLYESTER Fiber

WP25 LUBED #2901 BULL-LINE

2844 FT

- Stiff-Tape™ Lubricated Coating • Best burn-through (conduit cutting) resistance • Good blowability into conduit
- Accurate sequential foot or meter markings • Can be factory pre-installed into conduit
- Available on reels in a wide variety of continuous lengths

| DESCRIPTION WP05 | MIN. TENSILE STRENGTH 500 lbs/ | APPROX. WIDTH 1/4" (6mm) |
|---------------------|-----------------------------------|-----------------------------|
| PART # | LENGTH | REEL SIZE |
| 20000135 | 500' | 8" |
| 20000134 | 1,000' | 8" |
| 20000044 | 3,000' | 11 3/4" |
| 20000045 | 5,000' | 11 3/4" |
| 20000043 | 10,000' | 14" |
| 1-403832 | 20,000' | 18" |

| DESCRIPTION WP10 | MIN. TENSILE STRENGTH 1,000 lbs/455 kgs | APPROX. WIDTH 7/16" (11mm) |
|---------------------|--|-------------------------------|
| PART # | LENGTH | REEL SIZE |
| 20000137 | 500' | 8" |
| 20000136 | 1,000' | 8" |
| 20000047 | 3,000' | 11 3/4" |
| 20000048 | 5,000' | 14" |
| 1-400278 | 10,000' | 16" |

| DESCRIPTION WP12 | MIN. TENSILE STRENGTH 1,250 lbs/568 kgs | APPROX. WIDTH 1/2" (13mm) |
|---------------------|--|------------------------------|
| PART # | LENGTH | REEL SIZE |
| 20000139 | 500' | 8" |
| 20000138 | 1,000' | 8" |
| 20000394 | 1,500' | 11 3/4" |
| 20000052 | 3,000' | 11 3/4" |
| 20000054 | 5,000' | 14" |
| 1-405531 | 5,500' | 14" |
| 20000056 | 6,000' | 14" |
| 1-403433 | 6,500' | 14" |
| 20000051 | 10,000' | 16" |

| DESCRIPTION WP15 | MIN. TENSILE STRENGTH 1,500 lbs/682 kgs | APPROX. WIDTH 9/16" (14mm) |
|---------------------|--|-------------------------------|
| PART # | LENGTH | REEL SIZE |
| 1-400878 | 500' | 8" |
| 20000141 | 1,000' | 11 3/4" |
| 20000063 | 3,000' | 14" |
| 20002175 | 5,000' | 14" |
| 1-406975 | 10,000' | 18" |

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2044 FT

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- Accurate sequential foot or meter markings • Can be factory pre-installed into conduit
- Available on reels in a wide variety of continuous lengths

| DESCRIPTION WP18 | MIN. TENSILE STRENGTH 1,800 lbs/818 kgs | APPROX. WIDTH 5/8" (16mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20000142 | 500' | 8" |
| 20000065 | 1,000' | 11 3/4" |
| 20000395 | 1,500' | 11 3/4" |
| 20000262 | 900m | 14" |
| 20000068 | 3,000' | 13 1/2" |
| 20000066 | 1,000m | 16" |
| 1-403833 | 4,000' | 14" |
| 20000070 | 5,000' | 16" |
| 1-407033 | 5,375' | 16" |
| 1-400320 | 6,000' | 16" |
| 20000152 | 6,500' | 16" |
| 20000389 | 10,000' | 18" |
| 20000391 | 10,800' | 22" |
| 1-406936 | 11,000' | 22" |
| 20000383 | 12,000' | 22" |

| DESCRIPTION WP18 | MIN. TENSILE STRENGTH 1,800 lbs/818 kgs | APPROX. WIDTH 5/8" (16mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | WOODEN REEL |
|----------|---------|-------------|
| 1-400820 | 900m | 14" |
| 1-400316 | 2,000m | 18" |
| 1-403831 | 15,000' | 24" |
| 1-406321 | 25,000' | 34" |
| 1-407030 | 50,000' | 34" |

| DESCRIPTION WP25 | MIN. TENSILE STRENGTH 2,500 lbs/1,136 kgs | APPROX. WIDTH 7/8" (22mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20000143 | 500' | 8" |
| 20000073 | 1,000' | 11 3/4" |
| 20000075 | 1,500' | 11 3/4" |
| 20000327 | 2,500' | 14" |
| 20000083 | 900m | 18" |
| 20000077 | 3,000' | 14" |
| 20000338 | 1,000m | 18" |
| 20002867 | 3,500' | 16" |
| 1-404130 | 4,000' | 16" |
| 20000080 | 5,000' | 16" |
| 20002183 | 6,000' | 18" |
| 20000082 | 6,500' | 18" |
| 20000076 | 2,000m | 18" |
| 20000074 | 10,000' | 24" |
| 1-406485 | 12,000' | 24" |
| 1-405170 | 20,000' | 34" |
| 1-404638 | 25,000' | 34" |

| DESCRIPTION WP25 | MIN. TENSILE STRENGTH 2,500 lbs/1,136 kgs | APPROX. WIDTH 7/8" (22mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | WOODEN REEL |
|----------|---------|-------------|
| 1-407065 | 3,000' | 14 1/2" |
| 1-407068 | 15,000' | 24" |

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2044 FT

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- Accurate sequential foot or meter markings • Can be factory pre-installed into conduit
- Available on reels in a wide variety of continuous lengths

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP40 | 4,000 lbs/1,818 kgs | 5/8" (16mm) |

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 20000153 | 1,000' | 11 3/4" |
| 20000161 | 3,000' | 16" |
| 20000160 | 5,000' | 24" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP60 | 6,000 lbs/2,727 kgs | 3/4" (19mm) |

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20000144 | 500' | 8" |
| 20000154 | 1,000' | 14 1/2" |
| 20002182 | 1,500' | 18" |
| 20002186 | 2,000' | 18" |
| 20000363 | 2,500' | 18" |
| 20000149 | 3,000' | 18" |
| 20000321 | 5,000' | 24" |
| 20000165 | 6,000' | 24" |
| 1-404562 | 8,000' | 34" |
| 1-407038 | 15,000' | 34" |

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Woven Bull-Line® Locatable Tape



- Incorporates a tracer wire for signal locating • Corrosion resistant fibers and conductor • Accurate sequential foot or meter markings
- Wire conductors can be easily spliced in the field • Can also be factory pre-installed into conduit
- 22AWG (Solid) BC Semi-Rigid PVC Insulated 300V • Conductor Diameter .025 inches • NOM OD .045
- Approx. FIN WT 2.70 (lbs./M2)

Woven Bull-Line® Tone Tape Polyester Fiber

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP05LC | 500 lbs/227 kgs | 1/4" (6mm) |

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 20000323 | 5,000' | 11 3/4" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP12LC | 1,250 lbs/568 kgs | 1/2" (13mm) |

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 1-400875 | 500' | 8" |
| 20000140 | 1,000' | 8" |
| 1-400299 | 900m | 11 3/4" |
| 20000059 | 3,000' | 13 1/2" |
| 20002192 | 3,000'* | 11 3/4" |
| 1-400995 | 1,000m | 11 3/4" |
| 1-400295 | 4,000' | 14" |
| 20000061 | 5,000' | 14" |
| 20000367 | 5,000'* | 16" |
| 1-400298 | 6,000' | 16" |
| 20000058 | 10,000' | 18" |
| 20000366 | 15,000' | 24" |

* 2 locate wires

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP10LC | 1,000 lbs/455 kgs | 7/16" (11mm) |

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 20002194 | 3,000' | 13 1/2" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP15LC | 1,500 lbs/682 kgs | 9/16" (14mm) |

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 1-406278 | 1,000' | 11 3/4" |
| 20000285 | 3,000' | 13 1/2" |
| 20000283 | 5,000' | 14 1/2" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP18LC | 1,800 lbs/818 kgs | 5/8" (16mm) |

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20000225 | 500' | 8" |
| 20000221 | 1,000' | 11 3/4" |
| 20000328 | 900m | 11 3/4" |
| 20000163 | 3,000' | 13 1/2" |
| 20000382 | 3,000'* | 13 1/2" |
| 1-405477 | 3,500' | 14" |
| 20000313 | 5,000' | 14 1/2" |
| 20000393 | 5,000'* | 14 1/2" |
| 20000384 | 5,500' | 16" |
| 1-405444 | 6,000' | 16" |
| 20002191 | 2,000m | 16" |
| 20002187 | 10,000' | 24" |
| 1-403601 | 15,000' | 24" |

* 2 locate wires



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- Incorporates a tracer wire for signal locating
- Corrosion resistant fibers and conductor
- Accurate sequential foot or meter markings
- Wire conductors can be easily spliced in the field
- Can also be factory pre-installed into conduit

Woven Bull-Line® Tone Tape Polyester Fiber

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP25LC | 2,500 lbs/1,136 kgs | 7/8" (22mm) |
| PART # | LENGTH | REEL SIZE |
| 20000279 | 1,000' | 11 1/2" |
| 1-404912 | 1,500' | 11" |
| 20000155 | 3,000' | 16" |
| 20000174 | 5,000' | 16" |
| 1-403834 | 15,000' | 24" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WP40LC | 4,000 lbs/1,818 kgs | 5/8" (16mm) |
| PART # | LENGTH | REEL SIZE |
| 1-406267 | 1,000' | 11 3/4" |
| 1-406386 | 3,000' | 11 3/4" |
| 1-406320 | 5,000' | 16 3/4" |

Woven Bull-Line® Tone Tape Aramid Fiber

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WK12LC | 1,250 lbs/568 kgs | 3/8" (10mm) |
| PART # | LENGTH | REEL SIZE |
| 1-400190 | 3,000' | 11 3/4" |
| 1-400191 | 5,000' | 13 1/2" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WK18LC | 1,800 lbs/818 kgs | 1/2" (13mm) |
| PART # | LENGTH | REEL SIZE |
| 1-407078 | 1,000' | 11 3/4" |

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH |
|-------------|-----------------------|---------------|
| WK40LC | 4,000 lbs/1,818 kgs | 7/8" (22mm) |
| PART # | LENGTH | REEL SIZE |
| 1-400228 | 1,000' | 11 3/4" |

Speciality Pull Tape

| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH | |
|-------------|-----------------------|---------------|----------------------|
| WP25LC | 2,500 lbs/1,136 kgs | 7/8" (22mm) | |
| PART # | LENGTH | REEL SIZE | DETAILS |
| 1-407155 | 900m | 16" | Tubular, Orange Tone |

BULL-LINE PULL TAPE

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Woven Bull-Line® ARAMID Fiber



- High strength, low stretch • Very good burn-through (conduit cutting) resistance • Excellent blowability into conduit
- Accurate sequential foot or meter markings • Available on reels in a wide variety of continuous lengths
- Can also be factory pre-installed into conduit

| DESCRIPTION WK06 | MIN. TENSILE STRENGTH 600 lbs/273 kgs | APPROX. WIDTH 1/8" (3mm) |
|---------------------|--|-----------------------------|
|---------------------|--|-----------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 1-400850 | 1,000' | 8" |
| 1-400176 | 3,000' | 11 3/4" |
| 1-400177 | 5,000' | 11 3/4" |

| DESCRIPTION WK12 | MIN. TENSILE STRENGTH 1,250 lbs/568 kgs | APPROX. WIDTH 3/8" (10mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 1-400851 | 500' | 8" |
| 20002176 | 1,000' | 8" |
| 1-404230 | 2,000' | 11 3/4" |
| 20002171 | 3,000' | 11 3/4" |
| 20002172 | 5,000' | 11 3/4" |
| 1-400182 | 2,000m | 14" |
| 20000032 | 10,000' | 16" |

| DESCRIPTION WK18 | MIN. TENSILE STRENGTH 1,800 lbs/818 kgs | APPROX. WIDTH 1/2" (13mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 1-400856 | 500' | 8" |
| 20000132 | 1,000' | 8" |
| 20000036 | 3,000' | 11 3/4" |
| 1-400203 | 1,000m | 11 3/4" |
| 20002173 | 5,000' | 11 3/4" |
| 1-400204 | 25,000' | 24" |

| DESCRIPTION WK10 | MIN. TENSILE STRENGTH 1,000 lbs/455 kgs | APPROX. WIDTH 3/16" (5mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|--------|-----------|
| 1-400179 | 3,000' | 11 3/4" |

| DESCRIPTION WK15 | MIN. TENSILE STRENGTH 1,500 lbs/682 kgs | APPROX. WIDTH 7/16" (11mm) |
|---------------------|--|-------------------------------|
|---------------------|--|-------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20000131 | 500' | 8" |
| 1-400853 | 1,000' | 8" |
| 20000034 | 3,000' | 11 3/4" |
| 1-400198 | 5,000' | 11 3/4" |
| 1-400195 | 10,000' | 16" |

| DESCRIPTION WK25 | MIN. TENSILE STRENGTH 2,500 lbs/1,136 kgs | APPROX. WIDTH 3/4" (19mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 1-400858 | 500' | 8" |
| 20000038 | 1,000' | 8" |
| 20000130 | 3,000' | 11 3/4" |
| 20002174 | 5,000' | 14 1/2" |
| 1-400219 | 10,000' | 16" |

| DESCRIPTION WK40 | MIN. TENSILE STRENGTH 4,000 lbs/1,818 kgs | APPROX. WIDTH 7/8" (22mm) |
|---------------------|--|------------------------------|
|---------------------|--|------------------------------|

| PART # | LENGTH | REEL SIZE |
|----------|---------|-----------|
| 20002177 | 500' | 8" |
| 1-400231 | 2,500' | 16" |
| 20000040 | 3,000' | 14 1/2" |
| 1-400230 | 1,000m | 16" |
| 20000041 | 5,000' | 16" |
| 1-400229 | 10,000' | 18" |



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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 completely Bull-Knot ends with vinyl tape.



Joining One Length Of Bull-Line® To Pulling Eye

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.



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Shipping Information

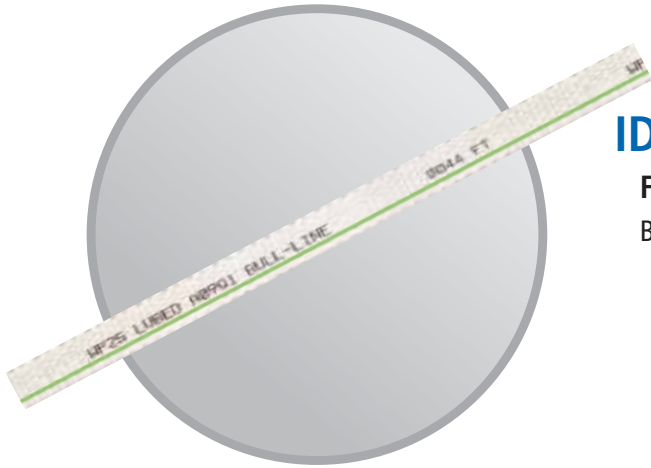
| REEL SIZE | REEL WEIGHT (lbs) | REELS/PALLET | PALLET SIZE |
|-------------------|-------------------|--------------|-------------|
| 8" | 1.5 | 64 | 42" x 42" |
| 11 3/4" | 2.2 | 80 | 48" x 48" |
| 13 1/2" | 2.3 | 45 | 42" x 42" |
| 14" | 3.5 | 36 | 48" x 48" |
| 16" Plastic Reels | 4.4 | 18 | 48" x 48" |
| 18" Plastic Reels | 5.0 | 10 | 48" x 48" |
| 22" Plastic Reels | 7.4 | 8 | 48" x 48" |
| 24" Wooden Reels | 14.0 | 4 | 48" x 48" |
| 34" Reels | 63.0 | 1 | 42" x 42" |

42" square pallets weight 55 lbs

48" square pallets weigh 72 lbs

| TAPE | TAPE WEIGHT/FOOT (lbs) |
|--------|------------------------|
| WP05 | 0.0034 |
| WP10 | 0.0063 |
| WP12 | 0.0077 |
| WP15 | 0.0093 |
| WP18 | 0.0105 |
| WP25 | 0.0142 |
| WP40 | 0.0264 |
| WP60 | 0.0396 |
| WP05LC | |
| WP10LC | |
| WP12LC | 0.0103 |
| WP15LC | |
| WP18LC | 0.0131 |
| WP25LC | 0.0168 |
| WP40LC | |

| TAPE | TAPE WEIGHT/FOOT (lbs) |
|--------|------------------------|
| WK06 | |
| WK10 | |
| WK12 | 0.0031 |
| WK15 | 0.0033 |
| WK18 | 0.0035 |
| WK25 | 0.0055 |
| WK40 | 0.01018 |
| WK12LC | |
| WK18LC | |
| WK40LC | |



IDENTIFICATION MARKER THREADS

FEATURES:

Bull-Line Pulling Tape is available with Identification Marker Threads

- Marker Threads are in addition to standard Bull-Line Thread Count
- Colorfast Marker is sewn into tape and does not affect performance
- Available for all Bull-Line Tensile Strengths
- Tensile Strength remains same for all tape
- Colored yarn creates a stripe for unique tape identification
- Choose your color marker from the standard available yarns
- Available in Bull-Line 100% Polyester or Bull-Line with a tracer wire

MARKER THREAD COLORS:



| DESCRIPTION | MIN. TENSILE STRENGTH | APPROX. WIDTH | IDENTIFICATION MARKER THREAD |
|-------------|-----------------------|---------------|------------------------------|
| WP05 | 500 lbs/227 kgs | 1/4" (6mm) | ✓ |
| WP10 | 1,000 lbs/455 kgs | 7/16" (11mm) | ✓ |
| WP12 | 1,250 lbs/568 kgs | 1/2" (13mm) | ✓ |
| WP15 | 1,500 lbs/682 kgs | 9/16" (14mm) | ✓ |
| WP18 | 1,800 lbs/818 kgs | 5/8" (16mm) | ✓ |
| WP25 | 2,500 lbs/1,136 kgs | 7/8" (22mm) | ✓ |
| WP40 | 4,000 lbs/1,818 kgs | 5/8" (16mm) | ✓ |
| WP60 | 6,000 lbs/2,727 kgs | 3/4" (19mm) | ✓ |