



Ludlow® Lacing Twines & Cords

Polyester and Linen Lacing cords for the Telecommunications, Electronic and Electric industry.



Technical Textiles

Innovate. Create. Deliver.

Hand laced cables using lacing cords, are the hallmark of quality cable installations. Using lacing cords eliminates the sharp or rough edges of plastic ties. A&E's Ludlow lacing cords and twines are unsurpassed in their durability and quality. For the last three decades, Ludlow® brand twines have been the choice for both military and commercial lacing requirements.



To encompass all lacing requirements, A&E offers waxed polyester lacing cords for electronic and telecommunications applications, polyester houseline for telecommunication cable field installation or repairs, and Victor® and Holdfast™ brand waxed Linen lacing cords for military and commercial electronic and electrical installation and repair.

AMERICAN & EFIRD, INC. | PO BOX 507 | Mount Holly, NC 28120
| Phone 704.827.4311 | 800.547.3107 | Fax 800.261.8498 | <http://www.amefird.com> |

Waxed Polyester Lacing Cords

| APPLICATION | LUDLOW SPEC # | SIZE | TUBE SIZE | YARDS / TUBE | UNITS PER CARTON | APPROX. YARDS/ LB | NOMINAL TENSILE |  |
|---|---------------|--------------|-----------|--------------|------------------|-------------------|-----------------|---|
| General Purpose | D1004 | #4 (4 Ply) * | #16 | 850 | 24 | 820 | 70 | |
| | | #6 (6 Ply) * | #16 | 600 | 24 | 545 | 100 | |
| | | #9 (8 Ply) | #16 | 400 | 24 | 390 | 140 | |
| | | #12 (13 ply) | #16 | 300 | 24 | 220 | 230 | |
| Telecommunication Commercial Construction | D1006 | 4 Ply | #8 | 405 | 126 | 860 | 70 | |
| | | 9 Ply | #8 | 175 | 126 | 370 | 160 | |
| | | 10 Ply | #8 | 160 | 126 | 340 | 180 | |
| Telecommunication Engineered Construction | LP1005 | 9 Ply | #8 | 175 | 126 | 375 | 160 | |

* Designates Special Order- Contact Customer Service for Minimums

A&E's Waxed Polyester Lacing Cord was developed as an alternative to natural fiber lacing cords. These cords have become the industry standard for the telecommunications field. Available in three constructions, designated by the above Ludlow Specifications: D1004, D1006 and LP1005. Waxed polyester cords are used as an alternative to plastic ties, eliminating sharp edges, and rough surfaces which can interfere with installation or repair work.

Polyester Houseline

| APPLICABLE COMCODE | LUDLOW SPEC # | SIZE | PUT- UP | WEIGHT/ CT | UNITS PER CARTON | APPROX. YARDS/ LB | NOMINAL TENSILE |  |
|--------------------|---------------|------|---------------|------------|------------------|-------------------|-----------------|---|
| 400 150 850 | PT502 | #4 | Coreless Tube | 1 Lb | 60 | 187 | 187 | |
| 400 150 868 | PT502 | #4 | Coreless Tube | 10 Lb | 4 | 187 | 187 | |

A&E's Polyester Houseline is an all-purpose twine used for both temporary and permanent ties in outdoor cable construction. Ludlow Brand houseline has set the quality standard in the telecommunications industry for more than 20 years. Constructed of synthetic filaments, polyester houseline, unlike natural fiber twines, is not subject to mildew, and provides superior uniformity as well as significantly higher tensile. Ludlow polyester houseline meets or exceeds Bell Specification CA06788.

Victor® Premium Waxed Linen Lacing Cord

| COMPOSITION | SIZE | YARD/ TUBE | MIN STRENGTH | NOMINAL DIAMETER | COLOR | MIL SPEC |
|-------------|---------|---------------|-----------------|---------------------|-------|-------------------------------------|
| 100% Linen | 4 Cord | 850 | 22 Lb | 0.033" | White | N/A |
| 100% Linen | 6 Cord | 600 | 32 Lb | 0.040" | White | MIL-T-713, Type N, Classes 1,2,3 |
| 100% Linen | 8 Cord | 450 | 48 Lb | 0.046" | White | MIL-T-713, Type N, Classes 1,2,3 |
| 100% Linen | 9 Cord | 400 | 54 Lb | 0.048" | White | N/A |
| 100% Linen | 12 Cord | 300 | 70 Lb | 0.056" | White | MIL-T-713, Type N, Classes 1,2,3 |



Holdfast™ Economy Waxed Linen Lacing Cord

| COMPOSITION | SIZE | YARD/ TUBE | MIN STRENGTH | NOMINAL DIAMETER | COLOR | MIL SPEC |
|----------------|----------------|---------------|-----------------|---------------------|-------|----------|
| 100% Raw Linen | #6- 4 Cord | 600 | 38 Lb | 0.041" | Tan | N/A |
| 100% Raw Linen | #9- 6 Cord | 400 | 58 Lb | 0.046" | Tan | N/A |
| 100% Raw Linen | #12- 8 Cord | 300 | 75 Lb | 0.054" | Tan | N/A |



A&E's Waxed Linen lacing cord is the standard for the electronic and electrical industry with a proven record of performance and quality. Manufactured with 100% pure linen. Treated with a microcrystalline wax compounded with fungicide to resist mildew. Victor ® Cord sizes 12, 8 and 6 meet military specification MIL-T-713, Type N, Classes 1,2, and 3.