

# Coated Dead-end

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

**Coated Dead-ends** are designed for direct application over conductors jacketed with neoprene, polyethylene, vinyl, or rubber. The sub-setted rods in each leg, bonded together with neoprene, exert a low radial pressure without damaging the jacket. Because it is not necessary to skin the plastic covering, the same Dead-end can be used for either aluminum-base or copperbase conductors.

## Features

- Manufactured from aluminum alloy wire.
- Designed for direct application over conductors jacketed with neoprene, polyethylene, vinyl, or rubber.

## Documentation

### Application Procedures

[SP-2071 \(Coated Dead-End\)](#)

## Catalog Pages

[Coated Dead-End - Catalog](#)

## Part Tables

### For use on:

**Plastic Jacketed Conductors**

**Polyethylene, Neoprene**

**Vinyl, Rubber**

| Catalog Number | Diameter Range (Inches) |      | Nominal Conductor Size AWG or MCM          | Units      | Wt./Lbs. | Length (Inches) | Color Code |
|----------------|-------------------------|------|--------------------------------------------|------------|----------|-----------------|------------|
|                | Min.                    | Max. |                                            | Per Carton |          |                 |            |
| ND-0500        | .243                    | .253 | #6, 7W, 2/64s                              | 100        | 13       | 16              | Green      |
| ND-0501        | .254                    | .264 | #6, Solid, 3/64s<br>#6, 6/1, 2/64s         | 100        | 14       | 17              | Red        |
| ND-0502        | .265                    | .272 | #4, Solid, 2/64s                           | 100        | 14       | 17              | Blue       |
| ND-0503        | .273                    | .284 | #6, 7W, 3/64s                              | 100        | 14       | 18              | Orange     |
| ND-0100        | .285                    | .297 | #6, 6/1, 3/64s<br>#4, 7W, 2/64s            | 100        | 15       | 19              | Black      |
| ND-0101        | .298                    | .310 | #4, Solid, 3/64s<br>#6, 7W, 4/64s          | 100        | 17       | 19              | Yellow     |
| ND-0102        | .311                    | .323 | #4, 7W, 2/64s Al. Alloy<br>#4, 6/1, 2/64s  | 100        | 18       | 20              | Blue       |
| ND-0103        | .324                    | .338 | #6, 7W, 4/64s, Al. Alloy<br>#4, 7W, 3/64s  | 100        | 18       | 20              | Orange     |
| ND-0104        | .339                    | .354 | #4, 7W, 3/64s, Al. Alloy<br>#4, 6/1, 3/64s | 100        | 20       | 21              | Black      |
| ND-0105        | .355                    | .374 | #4, 7W, 4/64s                              | 100        | 20       | 22              | Yellow     |
| ND-0106        | .375                    | .397 | #4, 7W, 4/64s<br>#4, 7W, 5/64s             | 100        | 25       | 23              | Red        |
| ND-0107        | .398                    | .420 | #2, 6/1, 3/64s<br>#2, 7/1, 3/64s           | 100        | 26       | 24              | Green      |
| ND-0108        | .421                    | .445 | #2, 7W, 4/64s, Al. Alloy<br>#1, 7W, 3/64s  | 50         | 20       | 27              | Black      |
| ND-0109        | .446                    | .475 | #1, 7W, 4/64s<br>#4, 7W, 8/64s             | 50         | 22       | 28              | Orange     |

**For use on:**  
**Plastic Jacketed Conductors**  
**Polyethylene, Neoprene**  
**Vinyl, Rubber**

| Catalog Number | Size           | Jacketing   | Outside Diameter (Inches) | Sustained Load Test Results (Lbs.) | Percent of Breaking Strength |
|----------------|----------------|-------------|---------------------------|------------------------------------|------------------------------|
| ND-0500        | #6, 7W, 2/64s  | Poly*       | .246                      | 450                                | 89%                          |
| ND-0100        | #4, 7W, 2/64s  | Poly*       | .294                      | 750                                | 95%                          |
| ND-0102        | #4, 6/1, 2/64s | Poly*       | .313                      | 800                                | 46%                          |
|                | #4, 7/1, 2/64s | Poly (.929) | .320                      | 850                                | 39%                          |
| ND-0103        | #4, 7W, 3/64s  | Neoprene    | .326                      | 800                                | 108%                         |
| ND-0104        | #4, 6/1, 3/64s | Neoprene    | .344                      | 750                                | 43%                          |
| ND-0106        | #2, 7W, 3/64s  | Neoprene    | .386                      | 600                                | 52%                          |
|                | #2, 6/1, 3/64s | Poly*       | .386                      | 750                                | 62%                          |
| ND-0107        | #2, 6/1, 3/64s | Poly*       | .410                      | 900                                | 34%                          |
|                | #2, 6/1, 3/64s | Neoprene    | .410                      | 900                                | 34%                          |
|                | #2, 7/1, 3/64s | Poly*       | .419                      | 1,200                              | 35%                          |
|                | #2, 7/1, 3/64s | Neoprene    | .419                      | 1,000                              | 30%                          |

**For use on:**  
**Plastic Jacketed Conductors**  
**Polyethylene, Neoprene**  
**Vinyl, Rubber**

| Catalog Number | Diameter Range (Inches) |       | Nominal Conductor Size                     | Units | Wt./Lbs. | Length (Inches) | Color Code |
|----------------|-------------------------|-------|--------------------------------------------|-------|----------|-----------------|------------|
|                | Min.                    | Max.  |                                            |       |          |                 |            |
| ND-0110        | .476                    | .507  | #1, 19W, 5/64s<br>1/0, 7W, 4/64s           | 50    | 30       | 30              | Blue       |
| ND-0111        | .508                    | .536  | 1/0, 19W, 6/64s<br>/0, 19W, 5/64s          | 50    | 29       | 30              | Red        |
| ND-0112        | .537                    | .571  | 2/0, 7W, 4/64s<br>2/0, 19W, 6/64s, Comp.   | 50    | 34       | 31              | Black      |
| ND-0113        | .572                    | .608  | 3/0, 19W, 4/64s<br>2/0, 19W, 5/64s         | 50    | 36       | 33              | Yellow     |
| ND-0114        | .609                    | .648  | 1/0, 7W, 8/64s<br>4/0, 7W, 4/64s           | 25    | 24       | 33              | Red        |
| ND-0115        | .649                    | .690  | 1/0, 7W, 10/64s<br>4/0, 19W, 4/64s         | 25    | 26       | 34              | Green      |
| ND-0116        | .691                    | .735  | 250, 19W, 4/64s<br>266.8, 18/1, 4/64s      | 25    | 30       | 35              | Black      |
| ND-0117        | .736                    | .783  | 3/0, 7W, 10/64s                            | 25    | 32       | 36              | Orange     |
| ND-0118        | .784                    | .834  | 300, 19W, 5/64s<br>336.4, 19W, 5/64s       | 25    | 34       | 38              | Blue       |
| ND-0119        | .835                    | .888  | 350, 19W, 5/64s<br>300, 19W, 10/64s Comp.  | 25    | 40       | 40              | Black      |
| ND-0120        | .889                    | .945  | 250, 19W, 10/64s<br>300, 19W, 10/64s       | 25    | 44       | 42              | Yellow     |
| ND-0121        | .946                    | 1.005 | 450, 37W, 6/64s<br>500, 37W, 6/64s         | 25    | 52       | 44              | Green      |
| ND-0122        | 1.006                   | 1.070 | 450, 37W, 8/64s<br>336.4, 19W, 12/64s      | 10    | 24       | 45              | Red        |
| ND-0123        | 1.071                   | 1.138 | 350, 19W, 12/64s<br>500, 37W, 10/64s       | 10    | 24       | 47              | Blue       |
| ND-0124        | 1.139                   | 1.212 | 636, 37W, 10/64s Comp.<br>500, 37W, 12/64s | 10    | 30       | 48              | Orange     |
| ND-0125        | 1.213                   | 1.288 | 795, 61W, 6/64s<br>795, 37W, 10/64s Comp.  | 10    | 30       | 49              | Black      |
| ND-0126        | 1.289                   | 1.372 | 1033.5, 61W, 6/64s                         | 10    | 32       | 51              | Yellow     |
| ND-0127        | 1.373                   | 1.458 | 715, 37W, 14/64s                           | 10    | 38       | 53              | Green      |
| ND-0128        | 1.459                   | 1.550 | 795, 37W, 14/64s                           | 10    | 40       | 56              | Red        |

**For use on:**  
**Plastic Jacketed Conductors**  
**Polyethylene, Neoprene**  
**Vinyl, Rubber**

| Catalog Number | Size                        | Jacketing (Specific Gravity) | Outside Diameter (Over Jacket) (Inches) | Sustained Load Test Results (Lbs.) | Percent of Breaking Strength |
|----------------|-----------------------------|------------------------------|-----------------------------------------|------------------------------------|------------------------------|
| ND-0110        | 1/0, 7W, 4/64s              | Poly. (.918)                 | .493                                    | 1,100                              | 62%                          |
| ND-0110        | 1/0, 7W, 4/64s              | Neoprene                     | .493                                    | 1,650                              | 98%                          |
| ND-0110        | 1/0, 7W, 4/64s              | Poly. (.931)                 | .493                                    | 2,200                              | 101%                         |
| ND-0110        | #4, 6/1, 8/64s              | Poly. (.929)                 | .502                                    | 950                                | 54%                          |
| ND-0112        | 2/0, 7W, 4/64s              | Poly. (.928)                 | .539                                    | 1,800                              | 104%                         |
| ND-0112        | 2/0, 7W, 4/64s              | Neoprene                     | .539                                    | 2,100                              | 99%                          |
| ND-0115        | 1/0, 7W, 10/64s             | Poly. (.982)                 | .678                                    | 600                                | 33%                          |
| ND-0115        | 4/0, 6/1, 4/64s             | Neoprene                     | .688                                    | 2,900                              | 36%                          |
| ND-0116        | 1/0, 7W, 10/64s             | Poly. (.949)                 | .692                                    | 500                                | 28%                          |
| ND-0116        | 4/0, 7W, .078               | Vinyl                        | .695                                    | 1,600                              | 47%                          |
| ND-0116        | 3/0, 7W, 8/64s              | Poly. (.927)                 | .706                                    | 1,900                              | 70%                          |
| ND-0116        | 250, 19W, 5/64s             | Neoprene                     | .732                                    | 3,200                              | 79%                          |
| ND-0118        | 336.4, 19W, 4/64s           | Poly. (.920)                 | .791                                    | 3,600                              | 63%                          |
| ND-0118        | 366.4, 19W, 4/64s           | Poly. (.933)                 | .791                                    | 4,500                              | 79%                          |
| ND-0118        | 336.4, 19W, 5/64s           | Neoprene                     | .824                                    | 3,600                              | 67%                          |
| ND-0118        | 4/0, 7W, 10/64s             | Poly. (.920)                 | .830                                    | 3,000                              | 49%                          |
| ND-0119        | 266.8, 19W, 10/64s          | Poly. (.966)                 | .885                                    | 1,800                              | 40%                          |
| ND-0120        | 336.4, 19W, .150" Compacted | Poly. (.943)                 | .910                                    | 2,600                              | 46%                          |
| ND-0120        | 397.5, 19W, 6/64s           | Poly. (.928)                 | .912                                    | 4,700                              | 72%                          |
| ND-0120        | 400, 19W, 6/64s             | Neoprene                     | .913                                    | 5,000                              | 80%                          |
| ND-0121        | 500, 37W, 6/64s             | Poly. (.926)                 | 1.001                                   | 5,600                              | 65%                          |