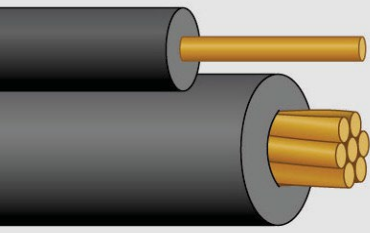


TRANSFORMER RISER WIRE



APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, and B-8, ASTM D-1248
- ✓ NEMA WC-5, ICEA S-61-402, ICEA S-70-547
- ✓ ICEA S-95-658/NEMA WC70, CSA C68.9
- ✓ Spark tested at 7500 VAC

VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ Wire stripping
- ✓ Custom print legends and labels

SCOPE

Transformer Riser Wire is used in uninsulated transformer wire applications up to and including 35 kV, providing excellent mechanical, abrasion, moisture, chemical and oil resistance. For this application, the HMWPE is not considered an electrical insulation; however, it does reduce faults due to atmospheric conditions, vibrations and crossed leads.

CONSTRUCTION

Conductors: Single copper conductors are solid or stranded, annealed or hard uncoated copper.

Insulation: Black, sunlight resistant polyethylene with concentrically applied insulation, Type I, Class A, Cat 4, and Grades E4-E5. Types II, III, and IV are available on request. Note: This product, when requested, is also available in Cross Linked Polyethylene (XLPE) insulation.

IDENTIFICATION AND PACKAGING

The wire shall be identified by surface marking indicating the manufacturer and AWG size. Long length bulk reels are standard.

Custom lengths, colors, stranding, and packaging are available by request.

| AWG | Standard Number of Strands | Insulation Thickness (inches) | Nominal Overall Diameter – Inches (standard strands) | Approx. Shipping Weight (Lbs./Mft.) |
|-----|----------------------------|-------------------------------|--|-------------------------------------|
| 8 | 1, 7 | .110 | 0.37 | 87 |
| 6 | 1, 7, 133 | .110 | 0.40 | 122 |
| 4 | 1, 7 | .110 | 0.45 | 175 |
| 2 | 7 | .110 | 0.51 | 260 |
| 1 | 19 | .125 | 0.58 | 330 |
| 1/0 | 19 | .125 | 0.62 | 405 |
| 2/0 | 19 | .125 | 0.67 | 501 |
| 3/0 | 19 | .125 | 0.73 | 626 |
| 4/0 | 19 | .125 | 0.78 | 760 |



SNAP FOR MORE INFORMATION