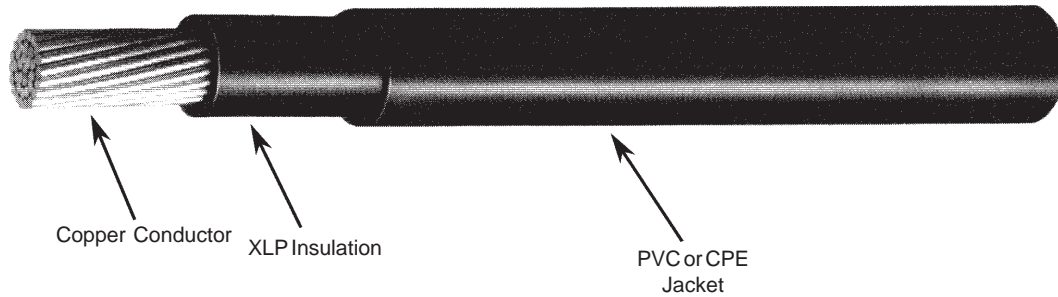


**RHH or RHW-2 or USE-2
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT
PVC or CPE JACKET OVERALL**

SPEC 1-60-1.1
Ver. 7.0
Revised: 05/18/06



90°C CONDUCTOR TEMPERATURE WET OR DRY

| Conductor | | | Insulation in Mils | Overall Jacket in Mils | Approximate O.D. in Inches | Ampacity* 90°C | Approximate Net Weight LBS/KFT |
|----------------------|--------------------|-----------------|-----------------------|------------------------------|----------------------------------|-------------------|---|
| Size AWG or KCMIL | No. of Strands* | Nominal O.D. | | | | | |

SINGLE CONDUCTOR 600 VOLT

| | | | | | | | |
|------|----|------|-----|----|-------|-----|------|
| 8 | 7 | 0.14 | 60 | 30 | 0.380 | 55 | 89 |
| 6 | 7 | 0.18 | 60 | 30 | 0.417 | 75 | 125 |
| 4 | 7 | 0.23 | 60 | 30 | 0.464 | 95 | 180 |
| 3 | 7 | 0.25 | 60 | 30 | 0.496 | 110 | 218 |
| 2 | 7 | 0.28 | 60 | 30 | 0.522 | 130 | 264 |
| 1 | 19 | 0.32 | 80 | 45 | 0.638 | 150 | 359 |
| 1/0 | 19 | 0.36 | 80 | 45 | 0.678 | 170 | 435 |
| 2/0 | 19 | 0.41 | 80 | 45 | 0.721 | 195 | 529 |
| 3/0 | 19 | 0.46 | 80 | 45 | 0.772 | 225 | 648 |
| 4/0 | 19 | 0.51 | 80 | 45 | 0.828 | 260 | 795 |
| 250 | 37 | 0.56 | 95 | 45 | 0.900 | 290 | 981 |
| 300 | 37 | 0.61 | 95 | 65 | 0.970 | 320 | 1150 |
| 350 | 37 | 0.66 | 95 | 65 | 1.020 | 350 | 1319 |
| 400 | 37 | 0.71 | 95 | 65 | 1.070 | 380 | 1485 |
| 500 | 37 | 0.79 | 95 | 65 | 1.150 | 430 | 1819 |
| 600 | 61 | 0.87 | 110 | 65 | 1.260 | 475 | 2177 |
| 750 | 61 | 0.97 | 110 | 65 | 1.370 | 535 | 2671 |
| 1000 | 61 | 1.12 | 110 | 65 | 1.520 | 615 | 3487 |

Note: *Based on not more than three conductors in raceway, direct burial, 90°C conductor temperature and 30°C ambient.
*19W strand is combination unilay per ASTM 787.

The above data is approximate and subject to normal manufacturing tolerances.

SAMPLE LEGEND:

AETNA INSUL WIRE 2 AWG XLP TYPE RHW-2 OR USE-2/PVC (OR CPE) 600V SUN-RES (UL)
AETNA INSUL WIRE 1/0 AWG XLP TYPE RHW-2 OR USE-2/PVC (OR CPE) 600V SUN-RES FOR CT USE (UL)

LISTINGS AND RATINGS:

1. Conductors listed by UL as Type RHW-2 per Standard UL 44.
2. Conductor listed by UL as Type USE-2 per Standard UL 854.
3. Sizes 1/0 AWG and larger are listed by UL for CT Use per Standard UL 1685.
4. Listed by UL as Sunlight Resistant.
5. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.

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