



SPECIFICATIONS

For use on THHN and XHHW Aluminum Building Wires

| Wire Snagger | Wire Size | Maximum Number of Strands ¹ | Maximum Intermittent Load (lbs) | | Maximum Continuous Load (lbs) | | Minimum conductor diameter (in) | Maximum conductor diameter (in) | Minimum insulation diameter (in) | Maximum insulation diameter (in) | Minimum EMT Conduit Size | | | |
|--------------|--------------------------------|--|---------------------------------|-----------|-------------------------------|-----------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------|--------|--------|--------|
| | | | One Tool | Four Tool | One Tool | Four Tool | | | | | 1 Wire | 2 Wire | 3 Wire | 4 Wire |
| WS 3/0 | 2/0 | 12 | 800 | 3200 | 600 | 2400 | 0.379" | 0.461" | 0.489" | 0.589" | 1.5" | 2" | 2" | 2" |
| | 3/0 | 18 | 900 | 3600 | 700 | 2800 | | | | | 1.5" | 2" | 2" | 2" |
| | 3/0 (E194343) ² | 19 | 550 | 2200 | 400 | 1600 | | | | | 1.5" | 2" | 2" | 2" |
| | 4/0 (Simpull) | 19 | 1000 | 4000 | 750 | 3000 | | | | | 2" | 2.5" | 2.5" | 2.5" |
| WS 4/0 | 4/0 | 19 | 1000 | 4000 | 750 | 3000 | 0.461" | 0.520" | 0.589" | 0.655" | 2" | 2.5" | 2.5" | 2.5" |
| | 250 MCM | 23 | 1000 | 4000 | 750 | 3000 | | | | | 2" | 2.5" | 2.5" | 2.5" |
| | 250 MCM | 35 | 900 | 3600 | 650 | 2600 | | | | | 2" | 2.5" | 2.5" | 2.5" |
| WS 350 | 350 MCM | 35 | 2000 | 8000 | 1400 | 5600 | 0.600" | 0.659" | 0.746" | 0.789" | 2" | 2.5" | 2.5" | 2.5" |
| | 350 MCM | 37 | 1600 | 6400 | 1200 | 4800 | | | | | 2" | 2.5" | 2.5" | 2.5" |
| | 400 MCM | 35 | 2600 | 10400 | 1900 | 7600 | | | | | 2" | 2.5" | 2.5" | 2.5" |
| WS 500 | 500 MCM (E194343) ² | 35 | 1400 | 5600 | 1000 | 4000 | 0.720" | 0.795" | 0.866" | 0.971" | 2.5" | 3" | 3" | 3" |
| | 500 MCM | 37 | 3000 | 12000 | 2200 | 8800 | | | | | 2.5" | 3" | 3" | 3" |
| | 600 MCM (Simpull) | 41 | 3300 | 13200 | 2200 | 8800 | | | | | 2.5" | 3" | 3" | 3" |
| WS 600 | 600 MCM | 61 | 2600 | 10400 | 1900 | 7600 | 0.813" | 0.911" | 0.973" | 1.071" | 2.5" | 3" | 3" | 3.5" |
| | 750 MCM | 58 | 2800 | 11200 | 2100 | 8400 | | | | | 2.5" | 3" | 3" | 3.5" |
| WS 750 | 900 MCM | No Data | | | | | 0.963" | 1.002" | 1.139" | 1.162" | 3" | 3.5" | 4" | 4" |

Notes:

1. Pulling loads for any given wire size decreases as the number of strands increase.
2. Pulling loads vary according to material properties.
3. Contact RectorSeal for wire configurations different from those depicted in this table.



WIRE SNAGGER
Click IT! Snag IT! Pull IT!