



RUBADUE WIRE PART NUMBER BUILDER

| Letters Signifying Layers of Insulation | AWG Size | Conductor Material | Strands in Conductor | Insulation Type | Color Code (Visible Color) | Insulation Thickness per Layer Mills (Thousandths of an Inch) |
|---|--|---|--|--|---|---|
| <p>S – Single (1) Basic</p> <p>D – Double (2) Supplemental</p> <p>T – Triple (3) Reinforced</p> | <p>Gauge Number</p> <p>Standard Sizes</p> <p>4 AWG to</p> <p>40 AWG</p> <p>LITZ = XX</p> | <p>A –TPC</p> <p>B –SPC</p> <p>C –BC</p> <p>D –SPA 135</p> <p>E –Enamel</p> <p>H –Heavy Enamel</p> <p>L –Litz Wire*</p> <p>N –NPC</p> <p>Q –QPN</p> <p>S –Stainless Steel Litz & Alloys *</p> <p>*Contact Customer Service</p> <p><i>Others Available</i></p> | <p>01 – Solid</p> <p>07 – 7 Strands</p> <p>19 – 19 Strands</p> <p>37 – 37 Strands</p> <p>65 – 65 Strands</p> <p>Litz=#Strands/AWG</p> <p><i>Others Available</i></p> | <p>F –FEP</p> <p>H –Hytre[®]</p> <p>K – Kynar[®] PVDF</p> <p>P –PFA</p> <p>PE –Polyethylene</p> <p>PF –Foam PE</p> <p>T –ETFE</p> <p>U –Polyurethane</p> <p>V –PVC</p> <p>Z –Special ETFE 200°C</p> <p>EC - 300°C</p> <p><i>Others Available</i></p> | <p>0 – Black</p> <p>1 – Brown</p> <p>2 – Red</p> <p>3 – Orange</p> <p>4 – Yellow</p> <p>5 – Green</p> <p>6 – Blue</p> <p>7 – Violet</p> <p>8 – Gray</p> <p>9 – White</p> <p>C – Clear</p> | <p>-1 = .001"/layer</p> <p>-1.5 = .0015"/layer</p> <p>-2 = .002"/layer</p> <p>-3 = .003"/layer</p> <p>-5 = .005"/layer</p> <p><i>Available from</i></p> <p><i>.001" to 0.250"</i></p> |

Example

| | | | | | | |
|-----------------------------|---------------|--------------------------|------------------------|------------|--------------|------------------------------------|
| T | 24 | A | 01 | P | 0XX | -2 |
| <i>Triple Insulated (3)</i> | <i>24 AWG</i> | <i>Tin Plated Copper</i> | <i>Solid Conductor</i> | <i>PFA</i> | <i>Black</i> | <i>.002"/layer (.006" overall)</i> |

Example LITZ

| | | | | | | |
|-----------------------------|--------------------------|-------------|--------------------|------------|-------------|------------------------------------|
| D | XX | L | 360/44 | F | 6X | -3 |
| <i>Double Insulated (2)</i> | <i>Always Defined XX</i> | <i>LITZ</i> | <i>Strands/AWG</i> | <i>FEP</i> | <i>Blue</i> | <i>.003"/layer (.006" overall)</i> |

Example



| | | | | | | | | |
|-----------------------------|---------------|--------------------------|------------------------|-------------|--------------|--------------------------------------|---------------------|---------------------|
| T | 24 | A | 01 | T | 5XX | -1.5 | -SB | -1.5 |
| <i>Triple Insulated (3)</i> | <i>24 AWG</i> | <i>Tin Plated Copper</i> | <i>Solid Conductor</i> | <i>ETFE</i> | <i>Green</i> | <i>.0015"/layer (.0045" overall)</i> | <i>Self-Bonding</i> | <i>.0015"/layer</i> |