



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>



RUBADUE WIRE

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PRODUCT LINE

Winding Wires
Basic Insulation
Supplemental Insulation
Reinforced Insulation
Lead Wires
Hook Up Wires
Coating of Fiber & Fiber Optic Cables
Fillers
Jacketing or Insulating on a Toll Basis
Coax Cables
Multi-Conductor Cables
High Temperature Products
Wire for Medical Application
Wire Wrap in ETFE
Underwater Products
Thermocouple Wires
NEW Self Bonding
NEW 300°C
Custom

APPLICATIONS

Automotive Computers
Electronics
Medical Equipment/Devices
Power Supplies
Security Systems
Telecommunications
Transformers

CONDUCTORS

- Size ranges from 4 AWG to 40 AWG
- Extensive range of conductors available
- Solid and stranded constructions
- Including Enamel and Litz Wire

CERTIFICATIONS

UL, CSA, and VDE Approved

INSULATING MATERIALS

Insulation thickness from .001" to .250"

ETFE	Polyethylene	Polyurethane
FEP	Foam Polyethylene	TPR
PFA	Polypropylene	TPE
PVC	Surlyn®	NEW ECA
Medical PVC	Hytrel®	NEW Coilbond™
NEW Kynar®	PVDF	

POWER SUPPLY AND

TRANSFORMER WIRE PRODUCTS

Solid, Stranded, Enamel, and Litz Wire conductors insulated with ETFE, FEP, or PFA

Insulation Systems available for Class B, Class F, and Class H Basic, Supplemental, and Reinforced Insulation per

IEC & UL 60950-1

IEC 61010, 61558 & 60601 Certified

UL 60601

UL AWM STYLES

1007, 1015, 1226, 1227, 1330, 1331, 1332, 1333, 1371, 1508, 1513, 1516, 1517, 1523, 1538, 1558, 1571, 1586, 1609, 1643, 1644, 1671, 1679, 1692, 1716, 1729, 1730, 1731, 1809, 1821, 1829, 1863, 1864, 1873, 1886, 1887, 1894, 1990, 10045, 10086, 10109, 10125, 10126, 10316

MIL SPECS

Mil-W-81822/3, /7, /8, /10, /12, /13

Mil-W-22759/16, /17, /18, /19

Mil-W-16878/1, /2, /3, /10, /11, /12, /13, /17, /18, /19, /33

Custom wire and cable constructions are also available.

Please consult with your sales specialist

• ISO 9001 • ROHS COMPLIANT • ISO 14001 •

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