

# Rubadue

## Reinforced Isolation uPont ETFE Tefzel® Part Number Serie TXXAXXTXXX-3

### Specifications

Core Wire:	Single End or Stranded T in Plated Copper
Size Range:	14-40 AWG
Insulation:	DuPont ETFE Tefzel®
Insulation Thickness:	.003" per layer
Temperature Rating:	155°C
Voltage Rating:	1,500V
Tensile Strength:	6,500 psi
Breakdown:	Approximately 10kv Passes IEC 60851 Twisted Pair test 6kv / 1min
Tolerances:	10-17awg + .003" / - .002" 18-24awg + .002" / - .001" 25-40awg + .001"/
Flame Rating:	V-0



Not all sizes offered by Rubadue Wire are listed on the table below

Awg	Core (in)	O.D (in)	Core (mm)	O.D (mm)	Wt (lbs/kft)
17	.0453	.0633	1.15	1.60	7.34
18	.0403	.0583	1.02	1.48	5.92
19	.0359	.0539	.91	1.36	4.83
20	.032	.050	.812	1.27	3.94
21	.0285	.0465	.723	1.18	3.24
22	.0253	.0433	.642	1.09	2.65
23	.0226	.0406	.574	1.03	2.20
24	.0201	.0381	.510	.967	1.82
25	.0179	.0359	.454	.911	1.53
26	.0159	.0339	.404	.861	1.28
27	.0142	.0322	.361	.817	1.09
28	.0126	.0306	.327	.777	0.93
29	.0113	.0293	.287	.744	0.81
30	.010	.028	.254	.711	0.69
32	.008	.026	.203	.660	0.54
34	.0063	.0243	.16	.617	0.43
36	.005	.023	.127	.584	0.36
38	.004	.022	.102	.558	0.31
40	.0031	.0211	.079	.535	.279

### Certifications

System Approval UL 1446 RXT-1 Class B  
System Approval UL 1446 RXT-2 Class F  
System Approval UL 1446 TCA Class F  
AWM styles 1558 and 1586

IEC 61558 Annex K, IEC 60601, and IEC 60950-1 Annex U  
VDE License # 136743 with CB report  
UL/CSA 60950-1 Annex U, 2601 File # E206198 as OBJT2  
CSA AWM C22.2 No. 210.2-M90