

# Rubadue

## REINFORCED ISOLATION FEP Teflon®

Part Number: TXXAXXFXXX-5

- Rated to Class F, 155° C
- Excellent Dielectric and Chemical Resistant Properties.
- RoHS compliant
- Heavy wall thickness for increased protection
- Litz Wire constructions also available

### Specifications:

Core Wire:	Single End and Stranded Tin Plated Copper
Size Range:	10 AWG to 30 AWG
Insulation:	DuPont FEP Teflon®
Insulation Thickness:	.005” per layer
Temperature Rating:	155° C
Voltage Rating:	1000 volts
Tensile Strength:	3,000 psi
Dielectric Strength:	IEC 60851 for 60950-1, Twisted Pair.
Breakdown	Approx 15kv (may be higher)
Tolerances	8-18 AWG +/- .002” 20-30 AWG +/- .002”



### Certifications:

System Approval UL 1446 RXT-1 Class B IEC 60950 Annex U  
 System Approval UL 1446 RXT-2 Class F VDE License # 6715 with CB Report  
 AWM Styles 1333 UL/CSA 60950-1 Annex U file # E206198 as OBJT2  
 CSA AWM C22.2 No. 210.2-M90

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
8	0.1285	0.1585	56.44
8 7x.0486	0.1458	0.1758	58.22
8 19x.0295	0.143	0.173	58.09
10 10S/30	0.13	0.16	38.94
10 6S/28	0.111	0.141	37.72
10 37/26	0.115	0.145	35.73
10	0.1019	0.1319	36.69
12 6S/30	0.099	0.129	25.29
12 19/25	0.093	0.123	23.66
12	0.0808	0.1108	24.08
14	0.0641	0.0941	15.96
14 19/27	0.0679	0.0979	15.56
16	0.0508	0.0808	9.17
16 7/24	0.06	0.09	11.37
16 19/29	0.0539	0.0839	10.59
16 19/29	0.0539	0.0839	10.59
18	0.0403	0.0703	7.40
18 7/26	0.049	0.079	7.88
18 19/30	0.0476	0.0776	8.69
19	0.0359	0.0659	6.19
20	0.032	0.062	5.22
20 7/28	0.039	0.069	5.62

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
20 19/32	0.0385	0.0685	6.16
21	0.0285	0.0585	4.42
22	0.0254	0.0554	3.76
22 7/30	0.03	0.06	4.00
22 19/34	0.0295	0.0595	4.33
23	0.0226	0.0526	3.24
24	0.0201	0.0501	2.80
24 7/32	0.024	0.054	3.00
24 19/36	0.0242	0.0542	3.23
25	0.0179	0.0479	2.45
26	0.0159	0.0459	2.16
26 7/34	0.02	0.05	2.36
26 19/38	0.022	0.052	2.58
26	0.0189	0.0489	2.42
27	0.0142	0.0442	1.92
28	0.0126	0.0426	1.72
28 7/36	0.015	0.045	1.84
28 19/40	0.0152	0.0452	1.93
29	0.0113	0.0413	1.57
30	0.010	0.04	1.43
30 7/38	0.012	0.0417	1.55
30 19/42	0.012	0.042	1.62