

# Rubadue

## REINFORCED ISOLATION PFA Teflon®

Part Number: TXXAXXPXXX-2

- Rated to Class H, 180° C
- Excellent Dielectric, Thermal, and Chemical Resistance Properties.
- RoHS compliant
- Great for the increased temperatures related to Solder Reflow Processing

### Specifications:

Core Wire:	Single End and Stranded Tin Plated Copper
Size Range:	16 AWG to 40 AWG
Insulation:	DuPont PFA Teflon®
Insulation Thickness:	.002" per layer
Temperature Rating:	180° C (can withstand 260C)
Voltage Rating:	1000 volts
Tensile Strength:	3,500 psi
Dielectric Strength:	IEC 60851 for 60950-1, Twisted Pair.
Breakdown	Approx 10kv
Tolerances	24-18 AWG +/- .001" 25-40 AWG +/- .001"



### Certifications:

System Approval UL 1446 Class H IEC 60950-1 Annex U  
 UL/CSA 60950 Annex U file # E206198 as OBJT2 VDE License # 6716 with CB Report  
 CSA 60950 Annex U File LL848686-

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
16	0.0508	0.0628	7.23
16 7/24	0.06	0.072	9.19
16 19/29	0.0539	0.0659	8.57
17	0.0453	0.0573	7.13
18	0.0403	0.0523	5.75
18 7/26	0.049	0.061	5.99
18 19/30	0.0476	0.0596	6.83
19	0.0359	0.0479	4.65
20	0.032	0.044	3.78
20 7/28	0.039	0.051	4
20 19/32	0.0385	0.0505	4.55
21	0.0285	0.0405	3.08
22	0.0254	0.0374	2.50
22 7/30	0.03	0.042	2.63
22 19/34	0.0295	0.0415	2.97
23	0.0226	0.0346	2.06
24	0.0201	0.0321	1.69
24 7/32	0.024	0.036	1.79
24 19/36	0.0242	0.0362	2.01
25	0.0179	0.0299	1.40
26	0.0159	0.0279	1.16

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
26 7/34	0.02	0.032	1.248
26 19/38	0.022	0.034	1.41
27	0.0142	0.0262	0.97
28	0.0126	0.0246	0.82
28 7/36	0.015	0.027	0.87
28 19/40	0.0152	0.0272	0.95
29	0.0113	0.0233	0.70
30	0.010	0.022	0.59
30 7/38	0.012	0.0237	0.66
30 19/42	0.012	0.024	0.73
31	0.0089	0.0209	0.51
32	0.008	0.02	0.45
32 7/40	0.0093	0.0213	0.48
33	0.0071	0.0191	0.39
34	0.0063	0.0183	0.34
35	0.0055	0.0175	0.30
36	0.005	0.017	0.27
37	0.0045	0.0165	0.25
38	0.004	0.016	0.23
39	0.0035	0.0155	0.21
40	0.0031	0.0151	0.19