

Rubadue

REINFORCED ISOLATION PFA Teflon®

Part Number Series: TXXAXXPXXX-1.5**

- Rated to Class H, 180° C, Insulation Capable of 260C
- Excellent Dielectric, Thermal, and Chemical Resistant 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:	18 AWG to 40 AWG
Insulation:	DuPont PFA Teflon®
Insulation Thickness:	.0015" 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	8kv
Tolerances	24-18 AWG +/- .001" 25-40 AWG +/- .001"



Certifications:

System Approval UL 1446 Class H	IEC 60950-1 Annex U
UL 60950-1 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)
18	.0403	.0493	5.5
19	.0359	.045	4.45
20	.032	.041	3.58
21	.0285	.0375	2.91
22	.0254	.0344	2.34
23	.0226	.0316	1.92
24	.0201	.029	1.55
25	.0179	.027	1.27
26	.0159	.025	1.04
27	.0142	.0232	0.86
28	.0126	.0216	0.71
29	.0113	.0203	0.60

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
30	.010	.019	0.50
31	.0089	.018	0.42
32	.008	.017	0.36
33	.0071	.016	0.31
34	.0063	.015	0.27
35	.0055	.0145	0.23
36	.005	.014	0.20
37	.0045	.0135	0.18
38	.004	.013	0.16
39	.0035	.0125	0.15
40	.0031	.012	0.13

**Insert AWG size into first two "X's" in the part number. For example an 18 AWG core would mean P/N T18A01PXXX-1.5. Remaining X's are for color codes.