

Rubadue

REINFORCED ISOLATION PFA Teflon®

Part Number: TXXAXXPXXX-3

- 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 (other types available)
Size Range:	16 AWG to 32 AWG
Insulation:	DuPont PFA Teflon®
Insulation Thickness:	.003" 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 12kv for 1wire, double for tp
Tolerances	24-18 AWG +/- .001" 25-32 AWG +/- .001"



AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
16	0.0508	0.0688	9.4
16 7/24	0.06	0.078	
16 19/29	0.0539	0.072	
17	0.0453	0.063	
18	0.0403	0.058	6.2
18 7/26	0.049	0.067	7
18 19/30	0.0476	0.066	7
19	0.0359	0.054	5
20	0.032	0.050	4
20 7/28	0.039	0.051	5
20 19/32	0.0385	0.056	5
21	0.0285	0.046	3.5
22	0.0254	0.043	2.9
22 7/30	0.03	0.048	3.3
22 19/34	0.0295	0.0475	3.3
23	0.0226	0.0406	2.4
24	0.0201	0.038	2

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
24 7/32	0.024	0.042	2.4
24 19/36	0.0242	0.042	2.4
25	0.0179	0.036	1.7
26	0.0159	0.034	1.4
26 7/34	0.02	0.038	1.6
26 19/38	0.022	0.040	1.6
27	0.0142	0.032	1.2
28	0.0126	0.0306	1.06
28 7/36	0.015	0.033	1.26
28 19/40	0.0152	0.033	1.26
29	0.0113	0.029	0.935
30	0.010	0.028	0.82
30 7/38	0.012	0.030	0.92
30 19/42	0.012	0.030	0.92
31	0.0089	0.027	0.72
32	0.008	0.026	0.65