

# Rubadue

## BASIC ISOLATION ETFE Tefzel ®

Part Number: SXXAXTX-3

- Rated to Class F, 155° C
- Excellent *Dielectric, Mechanical, and Chemical Resistant* Properties.
- RoHS Compliant
- Can be used in conjunction with a Supplemental isolation to meet Reinforced Isolation requirements for Thin sheet material.



### Specifications:

Core Wire:	Solid or Stranded Tin Plated Copper
Size Range:	16 AWG to 40 AWG
Insulation:	DuPont ETFE Tefzel ®
Insulation Thickness:	.003” per layer
Temperature Rating:	155° C
Voltage Rating:	600 volts
Tensile Strength:	6,500 psi
Dielectric Strength:	IEC 60851 for 60950-1, Twisted Pair
Breakdown	Approximately 5000v
Solderability	380° C with flux
Tolerances	16-24 AWG +/- .0015” 25-40 AWG +/- .001”



### Certifications:

VDE: Class F Supplementary Insulation IEC 60950-1 Annex U  
UL Classification, OBJT2 for UL 60950

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
16	0.0508	0.0568	6.6
16 7/24	0.06	0.066	8.5
16 19/29	0.0539	0.0599	7.9
17	0.0453	0.0513	6.6
18	0.0403	0.0463	5.2
18 7/26	0.049	0.055	5.4
18 19/30	0.0476	0.0536	6.2
19	0.0359	0.0419	4.2
20	0.032	0.038	3.4
20 7/28	0.039	0.045	3.5
20 19/32	0.0385	0.0445	4.1
21	0.0285	0.0345	2.7
22	0.0254	0.0314	2.2
22 7/30	0.03	0.036	2.2
22 19/34	0.0295	0.0355	2.6
23	0.0226	0.0286	1.73
24	0.0201	0.0261	1.39
24 7/32	0.024	0.03	1.44
24 19/36	0.0242	0.0302	1.67
25	0.0179	0.0239	1.12
26	0.0159	0.0219	0.90

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
26 7/34	0.02	0.026	0.95
26 19/38	0.022	0.028	1.09
27	0.0142	0.0202	0.73
28	0.0126	0.0186	0.59
28 7/36	0.015	0.021	0.62
28 19/40	0.0152	0.0212	0.70
29	0.0113	0.0173	0.49
30	0.010	0.016	0.40
30 7/38	0.012	0.0177	0.45
30 19/42	0.012	0.018	0.5
31	0.0089	0.0149	0.33
32	0.008	0.014	0.27
32 7/40	0.0093	0.0153	0.30
33	0.0071	0.0131	0.23
34	0.0063	0.0123	0.19
35	0.0055	0.0115	0.16
36	0.005	0.011	0.13
37	0.0045	0.0105	0.12
38	0.004	0.01	0.099
39	0.0035	0.0095	0.084
40	0.0031	0.0091	0.073