

Rubadue Wire Company, Inc.



BASIC ISOLATION ETFE Tefzel®
Part Number: SXXAXXTXX-1.5

- Rated to Class F, 155⁰ 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:	Single End Tin Plated Copper
Size Range:	26 AWG to 40 AWG
Insulation:	DuPont ETFE Tefzel®
Insulation Thickness:	.0015" per layer
Temperature Rating:	155 ⁰ C
Voltage Rating:	600 volts
Tensile Strength:	6,500 psi
Dielectric Strength:	IEC 60851 for 60950, 3 rd Edition, Twisted Pair
Breakdown	Approx 2500v
Solderability	380 ⁰ C
Tolerances	40-24 AWG +.001/-0.0005

Certifications:

VDE: Class F Basic Insulation IEC 60950, 3rd Edition, Annex U
 UL Classification, OBJT2 for UL 60950-1

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
26	0.0159	0.0189	.96
26 7/34	0.02	0.023	.86
26 19/38	0.022	0.025	.99
27	0.0142	0.0172	.67
28	0.0126	0.0156	.53
28 7/36	0.015	0.018	.55
28 19/40	0.0152	0.0182	.63
29	0.0113	0.0143	.43
30	0.010	0.013	.34
30 7/38	0.012	0.0147	.39
30 19/42	0.012	0.015	.45

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
31	0.0089	0.0119	.28
32	0.008	0.011	.23
32 7/40	0.0093	0.0123	.25
33	0.0071	0.0101	.18
34	0.0063	0.0093	.15
35	0.0055	0.0085	.12
36	0.005	0.008	.099
37	0.0045	0.0075	.083
38	0.004	0.007	.068
39	0.0035	0.0065	.055
40	0.0031	0.0061	.046