

# Rubadue

## BASIC ISOLATION ETFE Tefzel®

Part Number: SXXAXTX-2

- 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:	Single End Tin Plated Copper
Size Range:	20 AWG to 40 AWG
Insulation:	DuPont ETFE Tefzel®
Insulation Thickness:	.002” 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 3000V
Solderability	380° C with flux
Tolerances	20-40 AWG +.001/- .0005



### Certifications:

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

Part Number	AWG	Core (in)	O.D (in)	Wt (lbs/kft)
S20A01TX-2	20	.032	.035	3.3
S21A01TX-2	21	.0285	.0325	2.6
S22A01TX-2	22	.0254	.0294	2.1
S23A01TX-2	23	.0226	.0246	1.66
S24A01TX-2	24	.0201	.024	1.32
S25A01TX-2	25	.0179	.022	1.06
S26A01TX-2	26	0.0159	0.020	0.85
S26A07TX-2	26 7/34	0.02	0.024	0.88
S26A19TX-2	26 19/38	0.022	0.026	1.03
S27A01TX-2	27	0.0142	0.0182	0.69
S28A01TX-2	28	0.0126	0.0166	0.55
S28A07TX-2	28 7/36	0.015	0.019	0.57
S28A19TX-2	28 19/40	0.0152	0.0192	0.65
S29A01TX-2	29	0.0113	0.0153	0.45

Part Number	AWG	Core (in)	O.D (in)	Wt (lbs/kft)
S30A01TX-2	30	0.010	0.014	0.36
S30A07TX-2	30 7/38	0.012	0.0157	0.41
S30A19TX-2	30 19/42	0.012	0.016	0.47
S31A01TX-2	31	0.0089	0.0129	0.29
S32A01TX-2	32	0.008	0.012	0.24
S32A07TX-2	32 7/40	0.0093	0.0133	0.26
S32A19TX-2	33	0.0071	0.0111	0.20
S34A01TX-2	34	0.0063	0.0103	0.16
S35A01TX-2	35	0.0055	0.0095	0.13
S36A01TX-2	36	0.005	0.009	0.11
S37A01TX-2	37	0.0045	0.0085	0.09
S38A01TX-2	38	0.004	0.008	0.077
S39A01TX-2	39	0.0035	0.0075	0.063
S40A01TX-2	40	0.0031	0.0071	0.053