

Rubadue

SUPPLEMENTAL ISOLATION ETFE Tefzel®

Part Number: **DXXAXXTXX-2**

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



Specifications:

Core Wire:	Single/Stranded Tin Plated Copper
Size Range:	16 AWG to 40 AWG
Insulation:	DuPont ETFE Tefzel®
Insulation Thickness:	.002” per layer-2 Layer Construction
Temperature Rating:	155° C
Voltage Rating:	600 volts
Tensile Strength:	6,500 psi
Dielectric Strength:	IEC 60851 for 60950-1, Twisted Pair
Breakdown	Approx 7kv
Solderability	Approx 380° C with flux
Tolerances	16-24 AWG +/- .0015; 24-40 AWG +/- .001

Certifications:

VDE: Class F Supplementary Insulation IEC 60950-1, Annex U License 136743
 UL Classification, OBJT2 for UL 60950-1, UL 2601

AWG	Core (in)	O.D (in)	Wt (lbs/kft)	AWG	Core (in)	O.D (in)	Wt (lbs/kft)
16	0.0508	0.059	6.74	26 7/34	0.02	0.028	1.01
16 7/24	0.06	0.068	8.61	26 19/38	0.022	0.03	1.16
16 19/29	0.0539	0.062	8.04	27	0.0142	0.022	0.78
17	0.0453	0.0533	6.68	28	0.0126	0.0206	0.64
18	0.0403	0.0483	5.34	28 7/36	0.015	0.023	0.67
18 7/26	0.049	0.057	5.51	28 19/40	0.0152	0.0232	0.75
18 19/30	0.0476	0.056	6.36	29	0.0113	0.0193	0.53
19	0.0359	0.044	4.28	30	0.010	0.018	0.44
20	0.032	0.04	3.44	30 7/38	0.012	0.0197	0.50
20 7/28	0.039	0.047	3.60	30 19/42	0.012	0.02	0.56
20 19/32	0.0385	0.0465	4.16	31	0.0089	0.017	0.36
21	0.0285	0.0365	2.77	32	0.008	0.016	0.31
22	0.0254	0.0334	2.22	32 7/40	0.0093	0.0173	0.34
22 7/30	0.03	0.038	2.31	33	0.0071	0.015	0.26
22 19/34	0.0295	0.0375	2.65	34	0.0063	0.0143	0.22
23	0.0226	0.0306	1.81	35	0.0055	0.0135	0.19
24	0.0201	0.028	1.45	36	0.005	0.013	0.16
24 7/32	0.024	0.032	1.52	37	0.0045	0.0125	0.14
24 19/36	0.0242	0.032	1.74	38	0.004	0.012	0.13
25	0.0179	0.026	1.18	39	0.0035	0.0115	0.11
26	0.0159	0.024	0.96	40	0.0031	0.0111	0.097

*Weights are approximate and for shipping purposes only.