

# Rubadue

## SUPPLEMENTAL ISOLATION ETFE Tefzel®

Part Number: DXXAXXTXX-1.5

- 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:	18 AWG to 40 AWG
Insulation:	DuPont ETFE Tefzel®
Insulation Thickness:	.0015” per layer
Temperature Rating:	155° C
Voltage Rating:	600 volts
Tensile Strength:	6,500 psi
Dielectric Strength:	Tested to IEC 60851 Twisted Pair
Breakdown	Approx 4kv
Solderability	Approx 400° C with flux
Tolerances	18-24 AWG +.0015-.001; 25-40 AWG +/- .001



### Certifications:

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

AWG	Core (in)	O.D (in)	*Wt (lbs/kft)
18	.0403	.0463	5.2
19	.0359	.042	4.17
20	.032	.038	3.33
21	.0285	.0345	2.68
22	.0254	.0314	2.14
23	.0226	.086	1.73
24	.0201	.026	1.38
25	.0179	.024	1.11
26	.0159	.022	0.90
27	.0142	.02	0.73
28	.0126	.0286	0.59

AWG	Core (in)	O.D (in)	Wt (lbs/kft)
29	.0113	.0173	0.49
30	.010	.016	0.39
31	.0089	.015	0.32
32	.008	.014	0.27
33	.0071	.013	0.22
34	.0063	.0123	0.19
35	.0055	.0115	0.15
36	.005	.011	0.13
37	.0045	.0105	0.11
38	.004	.01	0.097
39	.0035	.0095	0.08
40	.0031	.0091	0.07

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