



XVT™ Transformer Wire
Electronic Hook-up Wire
 Irradiated PVC - 300 & 600V, 105°C
 UL1430, 1431
 CSA REW, RR-32 & RR-64

Application

XVT™ wire, with a 300 and 600 volt rating, is suited for application in transformers, electronic gear, or internal use in appliances. The insulation is a specially compounded, irradiated system that has outstanding resistance to Perma-Fil compounds, epoxies, and hot oils. This wire solves shrinkback, cracking, and swelling problems encountered with PVC and PVC/braid constructions. XVT™ wire is also very tough, has outstanding abrasion resistance, good flexibility, and resists cracking at low temperatures. The insulated wire has excellent flame resistance, passing the difficult VW-1 vertical fire test.

Conductor

Soft annealed tin plated copper, or bare copper with a tin overcoat. Strandings as listed below.

Insulation

Irradiated cross-linked polyvinylchloride, meeting the requirements of the DDA 1023 specification. The insulated conductor will pass the flame test requirement of VW-1 and FT-4. Wall thicknesses are listed below.

Approvals & Ratings

Approvals	Conductor	
	Temperature	Voltage
300 VOLT		
UL Style 1430	105°C	300V 600V Peak Electronic
CSA Type RR64 (XLPVC)	90°C	300V
CSA Type REW (XLPVC)	105°C	300V
600VOLT		
UL Style 1431	105°C	600V 2500V Peak Electronic
CSA Type RR32 (XLPVC)	90°C	600V
CSA Type REW (XLPVC)	105°C	600V

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm ²)		(Inch)	(mm)	(Inch)	(mm)
300 VOLT:									
XVT1430-22-1	1430	RR64, REW	22	.32	SOLID	.022	.56	.069	1.75
* XVT1430-22-7-BO	1430	RR64, REW	22	.35	7/30	.022	.56	.074	1.88
XVT1430-20-1	1430	RR64, REW	20	.52	SOLID	.022	.56	.076	1.93
* XVT1430-20-10-BO	1430	RR64, REW	20	.51	10/30	.022	.56	.083	2.10
XVT1430-18-1	1430	RR64, REW	18	.82	SOLID	.022	.56	.084	2.13
* XVT1430-18-16-BO	1430	RR64, REW	18	.81	16/30	.022	.56	.091	2.31
* XVT1430-16-26-BO	1430	RR64, REW	16	1.32	26/30	.022	.56	.104	2.64
600 VOLT:									
XVT1431-22-1	1431	RR32, REW	22	.32	SOLID	.032	.81	.089	2.26
* XVT1431-22-7-BO	1431	RR32, REW	22	.35	7/30	.032	.81	.094	2.39
XVT1431-20-1	1431	RR32, REW	20	.52	SOLID	.032	.81	.096	2.44
* XVT1431-18-16-BO	1431	RR32, REW	18	.96	16/30	.032	.81	.111	2.82
* XVT1431-16-26-BO	1431	RR32, REW	16	1.32	26/30	.032	.81	.124	3.15
XVT1431-14-41	1431	RR32, REW	14	2.08	41/30	.032	.81	.139	3.53

*These part numbers utilize tin overcoated conductors.