



IRRAFLEX™ D Wire

Electronic Hook-up Wire

Irradiated Polyhalocarbon - 600V

UL1431, 3292

CSA REW, RR-32

Application

Irraflex™ combines the mechanical and heat distortion characteristics of irradiated vinyl with the added property of being significantly more flexible. Irraflex™ insulation is an irradiated, thermoset system that is flame retardant, solder iron resistant, flexible, and has good high temperature cut-through and deformation resistance. It is a thermoset material which will not melt, drip, flow at elevated temperatures. Irraflex™ D may be used as a general purpose hook-up wire for business machines, appliances, medical equipment, motor leads, and other applications.

Conductor

Soft annealed tinned copper, stranded as listed below.

Insulation

Irradiated cross-linked polyhalocarbon, which meets the requirements of the DDA 1044 specification. The insulated conductor meets the requirement of VW-1 and FT-1. Wall thicknesses are listed below.

Approvals & Ratings

Approvals	Conductor Temperature	Voltage
UL Style 1431	105°C	600V 2500V Peak Electronic
UL Style 3292	105°C	600V 2500V Peak Electronic
CSA Type RR 32 (XLPE)	90°C	600V
CSA Type REW (XLPE)	105°C	600V

Product Number	UL Style	CSA Type	Conductor Size		Stranding	Insulation Wall		Nominal Diameter	
			(AWG)	(mm ²)		(Inch)	(mm)	(Inch)	(mm)
C1431-26-7	1431,3292	REW	26	.14	7 x 34	.032	.81	.083	2.11
C1431-24-7	1431,3292	RR-32, REW	24	.23	7 x 32	.032	.81	.088	2.23
C1431-22-7	1431,3292	RR-32, REW	22	.35	7 x 30	.032	.81	.094	2.39
C1431-20-19	1431,3292	RR-32, REW	20	.62	19 x 32	.032	.81	.103	2.62
C1431-18-19	1431,3292	RR-32, REW	18	.96	19 x 30	.032	.81	.111	2.82
C1431-16-19	1431,3292	RR-32, REW	16	1.32	19 x .0117	.032	.81	.120	3.05
C1431-14-19	1431,3292	RR-32, REW	14	2.08	19 x .0147	.032	.81	.134	3.56
C1431-12-19	1431,3292	RR-32, REW	12	3.29	19 x .0186	.032	.81	.153	3.89
C1431-10-37	1431,3292	RR-32, REW	10	4.74	37 x .0168	.032	.81	.177	4.50