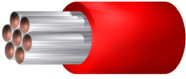


Insulated wires / PFA

Internal wiring (see individual AWM style for limitations)

Style No.	Rating		Core				Finished cable	
Insulated wires	Temp.	Voltage	Conductor	Size		Insulation	Size	
	°C	V AC rms		AWG			Min Avg. T	
			Material	Min	Max	Material	mm	
UL 1716	105	150	- or 150°C Litz wire	50 19 14 9	20 15 10 6	PFA	0.14 0.20 0.33 0.51	Internal wiring, where not subject to movement or mechanical damage. May also be used for further processing in cables and lead wire for UL 1950 applications Tag may indicate "300V peak - For electronic use only". "Suitable for immersion in gasoline; gasoline vapour; and 60°C or 80°C in oil"
UL 1857	150	150	-	32	16	PFA	0.26	Internal wiring
UL 1858		300	CU TPC	32	10	PFA	0.33	Internal wiring
UL 1859		600	CU TPC	32 8 1	10 2 4/0	PFA	0.51 0.76 1.14	Internal wiring
UL 1708	200	VNS	-	32	20	PFA	0.13	Internal wiring
UL 1707		30	-	32	20	PFA	0.13	Internal wiring of Class 2 circuits in electrical equipment
UL 1860		150	-	32	16	PFA	0.26	Internal wiring
UL 1709		300	-	32	10	PFA	0.33	Internal wiring
UL 1710		600	-	32 8 1	10 2 4/0	PFA	0.51 0.76 1.14	Internal wiring
UL 10313			- or Litz wire	40	9	PFA	0.23	Internal wiring Tag may indicate "600V peak - For electronic use only"
UL 5431		1000	-	36 8 6 1	9 7 2 4/0	PFA	0.51 1.14 1.52 2.03	Internal wiring
UL 1882	250	150	-	36	16	PFA	0.26	Internal wiring
UL 1726		300	-	32 8 4 1	10 6 2 4/0	PFA	0.33 0.51 0.76 1.14	Internal wiring
UL 1727		600	-	32 8 1	10 2 4/0	PFA	0.51 0.76 1.14	Internal wiring

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU
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Certified to
UL 758

Up to
+250°C
High temp

Down to
-55°C
Low temp

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.