




Insulated wires / FEP

Internal wiring (see individual AWM style for limitations)

Style No.	Rating		Core					Finished cable
	Temp.	Voltage	Conductor	Size		Insulation	Size	
				°C	V AC rms		Material	Min
UL 1226	80	VNS	-	32 19	20 14	FEP	0.20 0.33	
UL 1766		30	-	42	-	FEP	0.08	
UL 1227	105	VNS	-	32 19	20 10	FEP	0.20 0.33	Internal wiring in office appliances, where not subjected to undue mechanical abuse
UL 1371			-	36 19 15 9	20 16 10 6	FEP	0.14 0.20 0.33 0.51	Internal wiring, where not subjected to movement or mechanical abuse
UL 1847		30	-	40	-	FEP	0.38	Internal wiring of Class 2 circuits in electrical equipment
UL 1538		125	-	36 19 14 9	20 16 10 6	FEP	0.14 0.20 0.33 0.51	In back panel areas of electrical equipment, where not subjected to movement or mechanical damage Tag may indicate "300V peak - For electronic use only"
UL 1716		150	- or 150°C Litz wire	50 19 14 9	20 15 10 6	FEP	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 10445	125	30	-	40	-	FEP	0.38	Internal wiring of Class 2 circuits in electrical equipment
UL 1333	150	300	- or Litz wire	30	10	FEP	0.33	Internal wiring Tag may indicate "600V peak - For electronic use only"
UL 1591			-	32	16	FEP	0.41	Internal wiring
UL 1331		600	- or Litz wire	30 8 1	10 2 4/0	FEP	0.51 0.76 1.14	Internal wiring
UL 1577	200	VNS	-	32	16	FEP	0.31	Internal wiring
UL 1723			-	32	16	FEP	0.26	In back panel areas of electrical equipment, where not subject to movement or mechanical damage
UL 10072		150	CU Alloy CU NPC SPC	32 9	10 6	FEP	0.23 0.51	In back panel areas of electrical equipment, where not subjected to movement or mechanical damage 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 1332		300	-	30	10	FEP	0.33	Internal wiring Tag may indicate: "Suitable for immersion in gasoline, gasoline vapour and 80°C in oil and/or 600V peak - for electronic use only"
UL 1592			-	32	16	FEP	0.41	Internal wiring
UL 1330		600	-	30 9 1	10 2 4/0	FEP	0.51 0.76 1.14	Internal wiring Tag may indicate: "Suitable for immersion in gasoline, gasoline vapour and 80°C in oil"
UL 10440		1000	-	30	10	FEP	0.51	Internal wiring
UL 3239		DC: 10000	CU NPC SPC TPC	24	10	FEP	0.64	Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories

Characteristics and key properties

		RoHS REACH LVD			Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Certified UL 758							Temp low -55°C	Temp +20,000 hrs +200°C		

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