



**HALOGEN FREE**

Wires & Cables

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## PVC v.s. Halogen Free Cable UL Style Conversion Table

PVC			Halogen Free			
UL Style No.	Temp (°C)	Voltage (V)	UL Style No.		Temp (°C)	Voltage (V)
			FR-PE	mPPE-PE		
UL1007	80	300	UL3385	UL10982	105	300
UL1015	105	600	UL3386	UL11028	105	600
UL1032	90	1000	UL3275	UL11029	105	1000
UL1061	80	300	UL10368	UL10981	105	300
UL1185	80	300	UL10800	UL10983	80	300
UL1430	105	300	UL3385	UL11027	105	300
UL1533	80	300	UL10800	UL10983	80	300
UL1569	105	300	UL3385	-	105	300
UL1571	80	30	UL1640	UL10983	80	30
UL1617	105	600	UL10938	UL11047	105	600
UL1618	80	300	UL10800	UL10984	80	300
UL1631	60/80	30	UL20276	-	80	30
UL1672	105	300	UL10937	UL11045	105	300
UL1691	80	30	UL1640	-	80	30
UL2464	80	300	UL21143	-	80	300
UL2468	80	300	UL21311	UL21458	80	300
UL2547	80	300	UL21307	UL21457	80	300
UL2725	80	30	UL21099	UL21451	80	30
UL2791	80	30	UL21099	-	80	30
UL2835	60	30	UL21304	UL21452	60	30
UL2960	60	30	UL21304	-	60	30
UL20276	60/80	30	UL21100	UL21456	80	30
UL20379	80	30	UL21118	UL21455	80	30

## Halogen Free Cable Application Examples

Example	Halogen Free		Temp (°C)	Voltage (V)
	FR-PE	mPPE-PE		
Ribbon Cable	UL21311	UL21458	80	300
DC Cord (Coaxial)	UL10800	UL10983	80	300
USB Cable	UL21100	UL21451	80	30
Mini USB Cable	UL21099	UL21451	80	30
HDMI Cable	UL20851	UL21456	80	30
DVI Cable	UL20855	UL21455	80	30
A/V Cable (Coaxial)	UL10796	-	80	30
IEEE1394 Cable	UL21088	-	60/80	30
RGB Cable	UL21118	-	80	30
Control Pad Cable	UL21088	-	60/80	30

### Reference Standards

- 1) UL 758, UL 1581 & CSA C22.2 No. 210.2
- 2) Passed UL VW-1, H & CSA FT-1, FT-2 flame tests
- 3) RoHS compliance : restricted use of Lead, Cadmium, Mercury, Chromium VI, PBBs and PBDEs
- 4) Compliance with IEC61249-2-21 : Cl < 900ppm, Br < 900ppm, Total Halogen < 1,500ppm

