


Description:

UL1061(LF) SR-PVC Insulated Hook-Up Wire	
Size	26AWG 7/0.16*1C
Rating	80°C , 300V
Conductor	Tinned annealed copper wire
Insulation	Lead Free SR-PVC
Packing	The wire shall be delivered on coiled in specified length, and the interval joint may exist.
Marking	1061 E41396  AWM VW-1 80°C 300V PACIFIC CSA AWM I A/B FT1 SR-PVC LL47210 80°C 300V 26AWG -F- LF R3
Note:1. Marking may be some modification which must be complied with UL and CSA requirements. 2. The Lead Free Wire can meet EU RoHS requirements.	

Construction:

Construction of Conductor		Conductor Overall Diameter	Insulation Nominal Thickness	Approximate Overall Diameter	Maximum Conductor Resistance
AWG	No./mm	mm	mm	mm	Ω/km(20°C)
26	7/0.16	0.48	0.26	1.0 ±0.05	150

Electrical Properties:

Spark Test	3000V/0.15sec
Dielectric Test	2000V/min

Physical Properties:

Insulation:	
Tensile Strength (min)	3000Psi
Elongation (min)	100%
Aging test	113°C for 168 hours
Tensile Strength (min)	70%
Elongation (min)	70%
Deformation Test	The thickness of insulation shall not decrease more than 50% when subjected to a temperature of 121°C for 1 hour and loaded a 250 grams weight.
Heat Shock Test	No crack shall be shown on the surface after one hour at 121°C when the finished wire tightly wound for 6 turns onto a mandrel of two times diameter.
Cold Bend Test	No crack shall be shown on the surface after four hours at -10°C when the finished wire tightly wound for 6 turns onto a mandrel of two times diameter.
Flame Retardant Test	UL subject 758 VW-1