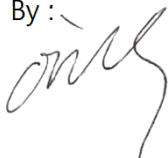
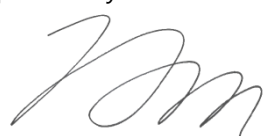
 <div>DaeYoungWire Co., LTD</div>	PRODUCT SPECIFICATION		Est. Date.	Sep.22. 16
			Customer	
			ALL	
<div>RoHS</div>				
<div>TITLE : UL Style No. 1061 (UL & cUL)</div> <div>SR-PVC Insulated Wire</div>				
Rev. No.	Revision Record		By	Date
PRODUCTION SPECIFICATION	UL Style No. 1061 (UL & cUL)		Total Page	Document No.
			3 Page	DY-160922-1-UL-1061
Written By : 	Check by :	Approved by : 	Date : Sep.22. 16	
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**DaeYoungWire
Co., LTD**

UL Style No. 1061 (UL & cUL)

SR-PVC Insulated Wire

Est. Date. Sep.22. 16

Rev. Date. 0

Rev. No. 0

1. Rating

UL : 300V, 80°C

2. Conductor

Size Range : UL 30-16AWG



3. Insulation

Semi-Rigid PVC

4. Standard

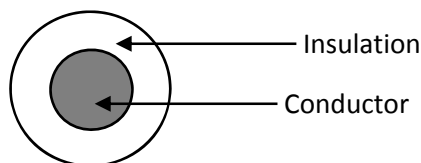
UL : UL Subject 758 & CSA C22.2 No. 210

5. Marking

E139338  AWM 1061 80°C 300V VW-1 XXAWG DAE YOUNG  AWM I A/B 80°C 300V FT1 XXAWG -F- NT
LF ROHS

(Reference : May Differ from actual product marking content)

6. Construction



7. Application

Internal wiring in electric bookkeeping , accounting, time-recording mechnes or electronic equipment

8. Dimensions

TYPE	Conductor			PVC Insulation		Min. Insulation Resistance MΩ/km 15.6°C	Conductor Resistance Max. Ω/km 20°C	Allowable Current* (reference) A	Dielectric Strength AC.V/ 1min.	Unit Length m(ft)
	Size (AWG)	Stranding (pcs/mm)	Diameter (mm)	Min. Ave.thick (mm)	Diameter (mm)					
Stranded	30	7/0.100	0.30	0.23	0.80	10	354.24	2.0	2,000	1220(4000)
	28	7/0.127	0.38	0.23	0.90	10	223.70	2.6		1220(4000)
	26	7/0.160	0.48	0.23	1.00	10	139.72	3.4		1220(4000)
	24	11/0.160	0.61	0.23	1.15	10	89.03	4.6		610(2000)
	22	17/0.160	0.76	0.23	1.30	10	54.83	6.1		610(2000)
	20	21/0.180	0.95	0.23	1.43	10	36.66	8.4		610(2000)
	18	34/0.180	1.21	0.23	1.71	10	22.60	11.3		610(2000)
	16	26/0.254	1.49	0.23	2.05	10	14.30	15.2		610(2000)
Solid	26	1/0.400	0.40	0.23	0.90	10	128.73	3.4	2,000	1220(4000)
	24	1/0.510	0.51	0.23	1.02	10	82.23	4.6		1220(4000)
	22	1/0.640	0.64	0.23	1.15	10	52.63	6.1		1220(4000)
	20	1/0.810	0.81	0.23	1.33	10	32.28	8.4		610(2000)
	18	1/1.020	1.02	0.23	1.60	10	18.38	11.3		610(2000)
	16	1/1.290	1.29	0.23	1.80	10	13.16	15.2		610(2000)
Mono**	28	7/0.127	0.38	0.23	0.89	10	320.2	2.6	2,000	1220(4000)
	26	7/0.160	0.48	0.23	0.98	10	138.2	3.4		1220(4000)
	24	7/0.200	0.61	0.23	1.11	10	85.9	4.6		610(2000)
	22	7/0.254	0.76	0.23	1.26	10	53.5	6.1		610(2000)

Note * Allowable current : Ambient temperature 40°C, Max. allowable temperature 80°C, single-wire in air

** Mono : Hi-Wrap(TA-SC)



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UL Style No. 1061 (UL & cUL)

SR-PVC Insulated Wire

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Sep.22. 16

Rev. Date.

0

Rev. No.

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9. Characteristic

Item			Test Condition	Requirement
Physical properties	Uaged	Tensile strength	Unaged	2.11 kgf/mm²
		elongation		100%
	Aged	Tensile strength	Aged in a full-fraft circulating oven for the specified time at the specified temperature - Oven Temperature : 113±1℃/168hr - Tested at a speed of 50±5mm/min	70 percent of the result with unaged specimens
		elongation		70 percent of the result with unaged specimens
Heat shock			- Oven Temperature : 121±1℃/1hr - Mandrel size : Diameter twice the diameter of the Finished wire or cable - Wrap wire on mandrel : 6 adjacent turns, tightly around mandrel	No Cracks
Deformation			- Oven Temperature : 121±1℃/1hr - Load : AWG 30~22(250g), AWG 20~12(400g)	Max. decrease in thickness 50 percent
Cold bend			- Oven Temperature : -10±2℃/4hr - Mandrel size : 0.625 inch(16mm) - Wrap wire on mandrel : 6 adjacent turns, tightly around mandrel	No Cracks
Horizontal Flame test			- Length of Flame : 50mm - Marking point : 2 inch, 7 inch, 13 inch - Time of Flame : Kept there for 30s	1. Where any speciman flames at a rate greater than 1inch/min between th markers at 7inch or 13inch 2. Emits flaming or glowing particles or flaming drops at any time