UL 1007 c-UL Type TR-64

Heat Resistance PVC Wire

UL STYLE

RoHS Compliance

- ▶ **Standard** : These wires has been approved by UL and c-UL
- ▶ **Rating** : 1007 → 80°C, 300V
  TR-64 → 90°C, 300V peak
- ▶ **Flammability** : UL VW-1, c-UL FT1, -F-
- ▶ **Application** : Internal wiring of appliances and Electronics Equipments (Lead wire of primary circuits)

Construction and Performance :

MARKING:

- E132202 AWM STYLE 1007 VW-1 80C 300V ## AWG - - - c TYPE TR-64 FT1 90C ## AWG EWINDO -F- LF
(## = No. AWG)
- Solid and Stranded AWG 30 - 32 no mark

Type	Conductor				Insulation			Dielectric Strength	Length/coil
	Size	Construction	Outside Diameter Approx.	Maximum Conductor Resistance (20°C)	Nominal Thickness	Diameter	Minimum Insulation resistance (20°C)		
	(AWG)	(No./mm)	(mm)	(Ω/km)	(m)	(mm)	(MΩ.km)	(ACV/1 min)	m
Stranded Conductor (TA)	32	7/0.08	0.24	588.85	0.41	1.06	15	2000	610 or 305 or 153
	30	7/0.10	0.30	376.96	0.41	1.10	15	2000	
	28	7/0.127	0.38	237.25	0.43	1.24	15	2000	
	26	7/0.16	0.48	148.94	0.43	1.34	15	2000	
	24	11/0.16	0.61	93.25	0.43	1.48	15	2000	
	22	17/0.16	0.76	55.0	0.43	1.65	15	2000	
	20	21/0.18	0.95	34.6	0.48	1.9	15	2000	
	18	33/0.18	1.20	21.8	0.45	2.1	15	2000	
	16	26/0.26	1.50	13.7	0.48	2.45	15	2000	
	16	55/0.18	1.50	13.7	0.48	2.45	15	2000	
Solid Conductor (TA)	*30	1/0.26	0.26	361.13	0.43	1.12	15	2000	
	*28	1/0.33	0.33	227.39	0.43	1.19	15	2000	
	26	1/0.415	0.415	142.79	0.43	1.28	15	2000	
	24	1/0.52	0.52	89.39	0.44	1.40	15	2000	
	22	1/0.65	0.65	54.3	0.43	1.51	15	2000	
	20	1/0.82	0.82	33.9	0.44	1.70	15	2000	
	20	1/1.01	1.01	33.9	0.45	1.90	15	2000	
	18	1/1.1	1.1	21.4	0.50	2.10	15	2000	
	*16	1/1.31	1.31	13.5	0.43	2.16	15	2000	
DTC	30	7/0.10	0.30	376.96	0.41	1.10	15	2000	
	28	7/0.127	0.38	237.25	0.43	1.24	15	2000	
	26	7/0.16	0.48	148.94	0.43	1.34	15	2000	
	24	7/0.20	0.60	93.25	0.43	1.45	15	2000	
	22	7/0.26	0.78	55.0	0.43	1.65	15	2000	
	*18	7/0.40	1.20	21.8	0.45	2.1	15	2000	

Note:
TA = Tin Coated Annealed Copper Wires
DTC = Double Tin Coated Annealed Copper Wires
*Need to be discussed