

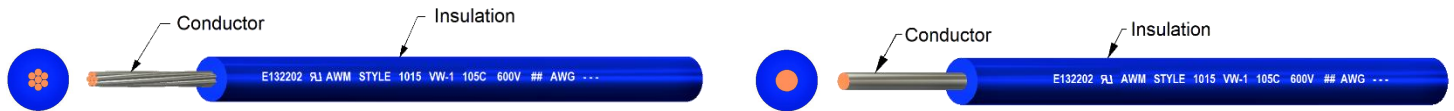
UL 1015 c-UL Type TEW

Heat Resistance PVC Wire



- ▶ **Standard** : These wires has been approved by UL and c-UL
- ▶ **Rating** : 105°C, 600V
- ▶ **Flammability** : UL VW – 1, c-UL FT1, - F -
- ▶ **Application** : Internal Wiring of appliances and Electronic Equipment's (Lead wire of primary circuits)

Construction and Performance :



MARKING:

- E132202 RJ AWM STYLE 1015 VW-1 105C 600V ## AWG --- c RJ TYPE TEW FT1 105C 600V ## AWG EWINDO LF
- E132202 RJ AWM STYLE 1015 VW-1 105C 600V ## AWG --- c RJ TYPE TEW FT1 105C 600V ## AWG EWINDO -F- LF
- (## = No. AWG)
- For size 12 ~ 10 AWG have not – F – mark certified yet

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)	(mm)	(mm)	(mΩ/km)	(ACV/1 min)	(m)
Stranded Conductor (TA)	*28	7/0.127	0.38	237.25	0.84	2.0	15	2000	610 or 305 or 153
	26	7/0.16	0.48	148.94	0.84	2.1	15	2000	
	24	11/0.16	0.61	93.25	0.84	2.3	15	2000	
	*24	28/0.10	0.61	93.25	0.84	2.3	15	2000	
	22	17/0.16	0.76	55.0	0.82	2.4	15	2000	
	22	17/0.16	0.76	55.0	0.77	2.3	15	2000	
	20	21/0.18	0.95	34.6	0.85	2.7	15	2000	
	18	33/0.18	1.20	21.8	0.85	2.85	15	2000	
	18	33/0.18	1.20	21.8	0.85	3.1	15	2000	
	18	41/0.16	1.20	21.8	0.85	2.9	15	2000	
	16	26/0.26	1.50	13.7	0.9	3.3	15	2000	
	16	55/0.18	1.50	13.7	0.9	3.3	15	2000	
	14	41/0.26	1.90	8.62	0.9	3.7	15	2000	
	12	43/0.32	2.50	5.43	0.9	4.3	15	2000	
	10	43/0.40	3.03	3.41	0.96	4.9	15	2000	
Solid Conductor (TA)	*28	1/0.33	0.33	227.39	0.84	2.0	15	2000	
	*26	1/0.42	0.42	142.79	0.84	2.1	15	2000	
	24	1/0.52	0.52	89.39	0.84	2.2	15	2000	
	22	1/0.65	0.65	54.3	0.84	2.3	15	2000	
	20	1/0.82	0.82	33.9	0.84	2.5	15	2000	
	18	1/1.1	1.1	21.4	0.85	2.8	15	2000	
	16	1/1.31	1.31	13.5	0.9	3.1	15	2000	
	14	1/1.7	1.7	8.45	1.0	3.7	15	2000	
	*12	1/2.1	2.1	5.31	0.9	3.9	15	2000	
	10	1/2.6	2.6	3.34	0.9	4.4	15	2000	
DTC	*26	7/0.16	0.48	148.94	0.81	2.1	15	2000	
	24	7/0.20	0.60	93.25	0.85	2.3	15	2000	
	22	7/0.26	0.78	55.0	0.81	2.4	15	2000	
	*18	7/0.40	1.20	21.8	0.78	2.7	15	2000	

Note:

TA = Tin Coated Annealed Copper Wires

DTC = Double Tin Coated Annealed Copper Wires

*Need to be discussed