

---

# HOOK-UP WIRE UL. STYLE

---

## CONTENTS

PAGE

**UL. 1007**

300V 80° C PVC INSULATED, SINGLE CORE

**121**

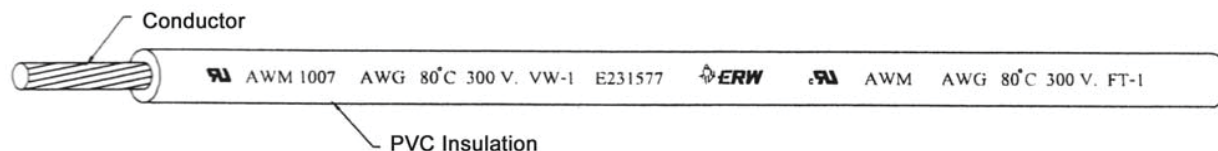
**UL. 1015**

600V 105° C PVC INSULATED, SINGLE CORE

**122**

# HEAT RESISTANT PVC INSULATED WIRE

**UL c UL 1007 300 V., 80°C PVC INSULATED, SINGLE CORE**



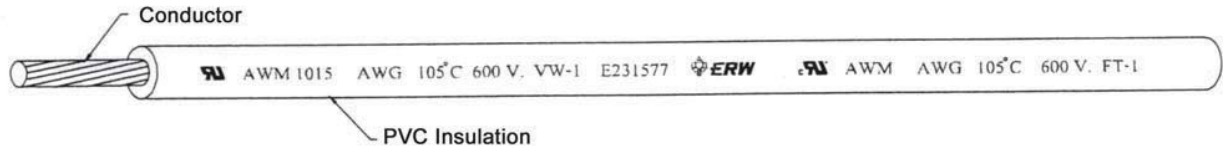
## CABLE STRUCTURE

- CONDUCTOR** : Solid and stranded annealed tinned copper wire or copper wire sizes 30 AWG up to 16 AWG.
- INSULATION** : PVC, any color.
- CLASSIFICATION** : Maximum conductor temperature 80°C circuit voltage not exceeding 300 volts.
- TESTING VOLTAGE** : 2000 volts.
- REFERENCE** : UL 758 and Canadian Standard CAN/CSA C22.2, No.210.2

CONDUCTOR					INSULATION								
TYPE	SIZE	NOMINAL AREA	MINIMUM AREA	CONSTRUCTION	NOMINAL THICKNESS	DIAMETER	MAX.COND. RESISTANCE DC 20° C	MIN.INSULATION RESISTANCE DC 15.6°C	DIELECTRIC WITHSTANDING VOLTAGE	APPROX. WEIGHT	ALLOW ABLE CURRENT	UNIT LENGTH	PACKING
	(AWG)	(sq.mm)	(sq.mm)	(NO./mm.)	(mm.)	(mm.)	(Ω/km.)	(MΩ -km.)	(VAC for 1 min.)	(kg/km.)	(reference) (A)	m. (ft.)	
STRANDED	30	0.0507	0.0497	5/0.12	0.38	1.13	376.96	15	2,000	1.80	2.30	610 (2,000)	COIL
	28	0.0804	0.079	4/0.16	0.38	1.20	237.25			2.20	3.00		
	26	0.128	0.126	7/0.16	0.38	1.30	148.94			2.90	4.00		
	24	0.205	0.201	11/0.16	0.38	1.43	93.25			3.80	5.30		
	22	0.324	0.318	17/0.16	0.38	1.58	55.00			5.20	7.20		
	20	0.519	0.509	26/0.16	0.38	1.76	34.60			7.20	9.40		
	18	0.823	0.807	41/0.16	0.38	2.03	21.80			10.80	12.50		
	16	1.310	1.280	54/0.18	0.38	2.35	13.70			15.80	15.90		
SOLID	30	0.0507	0.0497	1/0.26	0.38	1.08	361.13	15	2,000	1.60	2.30	610 (2,000)	COIL
	28	0.0804	0.079	1/0.32	0.38	1.94	227.39			2.00	3.00		
	26	0.128	0.126	1/0.404	0.38	2.03	142.79			2.60	4.00		
	24	0.205	0.201	1/0.511	0.38	2.13	89.39			3.40	5.30		
	22	0.324	0.318	1/0.643	0.38	2.26	54.30			4.70	7.20		
	20	0.519	0.509	1/0.813	0.38	2.43	33.90			6.70	9.40		
	18	0.823	0.807	1/1.024	0.38	2.65	21.40			9.90	12.50		
	16	1.310	1.280	1/1.290	0.38	2.91	13.50			14.60	15.90		

# HEAT RESISTANT PVC INSULATED WIRE

**UL 1015 600V., 105°C PVC INSULATED, SINGLE CORE**



## CABLE STRUCTURE

- CONDUCTOR** : Solid and stranded annealed tinned copper wire or copper wire sizes 28 AWG up to 10 AWG.
- INSULATION** : PVC, any color.
- CLASSIFICATION** : Maximum conductor temperature 105°C circuit voltage not exceeding 600 volts.
- TESTING VOLTAGE** : 2000 volts.
- REFERENCE** : UL 758 and Canadian Standard CAN/CSA C22.2, No.210.2

CONDUCTOR					INSULATION								
TYPE	SIZE (AWG)	NOMINAL AREA (sq.mm)	MINIMUM AREA (sq.mm)	CONSTRUCTION (NO./mm.)	NOMINAL THICKNESS (mm.)	DIAMETER (mm.)	MAX.COND. RESISTANCE DC 20° C (Ω/km)	MIN.INSULATION RESISTANCE DC 15.6°C (MΩ-km.)	DIELECTRIC WITHSTANDING VOLTAGE (VAC for 1 min.)	APPROX. WEIGHT (kg/km.)	ALLOW ABLE CURRENT (reference) (A)	UNIT LENGTH m. (ft.)	PACKING
STRANDED	28	0.0804	0.0790	4/0.16	0.76	2.00	237.25	15	2,000	4.9	4.40	610 (2,000)	COIL
	26	0.128	0.126	7/0.16	0.76	2.10	148.94			5.7	5.80		
	24	0.205	0.201	11/0.16	0.76	2.23	93.25			6.9	7.60		
	22	0.324	0.318	17/0.16	0.76	2.38	55.00			8.5	10.00		
	20	0.519	0.509	26/0.16	0.76	2.56	34.60			10.8	13.10		
	18	0.823	0.807	41/0.16	0.76	2.83	21.80			14.9	17.20		
	16	1.310	1.280	54/0.18	0.76	3.15	13.70			20.4	22.80		
	14	2.080	2.040	41/0.26	0.76	3.54	8.62			29	30.40		
	12	3.310	3.240	65/0.26	0.76	4.04	5.43			42.2	40.60		
	10	5.261	5.160	104/0.26	0.76	4.69	3.41			63.4	55.30		
SOLID	28	0.080	0.079	1/0.320	0.76	1.94	227.39	15	2,000	4.6	4.40	610 (2,000)	COIL
	26	0.128	0.126	1/0.404	0.76	2.03	142.79			5.3	5.80		
	24	0.205	0.201	1/0.511	0.76	2.13	89.39			6.3	7.60		
	22	0.324	0.318	1/0.643	0.76	2.26	54.30			7.8	10.00		
	20	0.519	0.509	1/0.813	0.76	2.43	33.90			10.2	13.10		
	18	0.823	0.807	1/1.024	0.76	2.65	21.40			13.6	17.20		
	16	1.310	1.280	1/1.290	0.76	2.91	13.50			18.8	22.80		
	14	2.080	2.040	1/1.628	0.76	3.25	8.45			26.9	30.40		
	12	3.310	3.240	1/2.052	0.76	3.67	5.31			39.2	40.60		
	10	5.261	5.160	1/2.588	0.76	4.21	3.34			58.5	55.30		