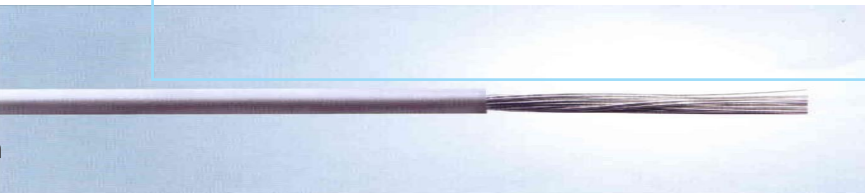


## UL 1007 PVC Wire



- Voltage rating: 300V
- Operating temperature: -40 °C to 80 °C
- Conductor: tinned or bare copper
- Insulation: PVC
- O.D.Allowance: ± 0.10mm

### Construction:

<b>Conductor:</b>	tinned or bare copper
<b>Insulation:</b>	PVC
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 and a green-yellow earth wire
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
<b>Sheath colour:</b>	grey (RAL 7000)

### Technical data:

<b>Testing voltage U:</b>	300 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	4 x d
<i>flexible application:</i>	6 x d
<i>continuously flexible:</i>	10 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+70 °C
<i>flexible application:</i>	+5/+70 °C
<b>Oil resistance:</b>	very good -
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/14

### Outstanding features:

- flexible
- rugged sheath
- oil resistant

C  
6

Conductor		Insulation		Electrical Characteristic		Packing	
AWG	Conductor construction (NO. x Φ mm)	Diameter (mm)	Insulation Thickness (mm)	Over Diameter (mm)	Conductor Resistance 20°C (ohm/km)	Permissible ampacity (20°C-AMR)	Mt/coils
30	7 x 0.100	0.30	0.38	1.06	361.0	0.64	610
28	7 x 0.127	0.37	0.38	1.13	227.0	1.01	610
26	7 x 0.160	0.49	0.38	1.25	143.0	1.61	610
24	11 x 0.160	0.61	0.38	1.37	89.3	2.57	610
22	17 x 0.160	0.76	0.38	1.52	56.4	4.36	610
20	21 x 0.180	0.95	0.38	1.71	35.2	6.94	610
18	34 x 0.180	1.21	0.38	1.97	22.2	11.01	610
16	26 x 0.254	1.50	0.38	2.26	14.0	17.52	610
30	1 x 0.254	0.25	0.38	1.01	361.0	0.64	610
28	1 x 0.320	0.32	0.38	1.08	227.0	1.01	610
26	1 x 0.404	0.40	0.38	1.16	143.0	1.61	610
24	1 x 0.511	0.50	0.38	1.26	89.3	2.57	610
22	1 x 0.643	0.60	0.38	1.36	56.4	4.36	610
20	1 x 0.813	0.80	0.38	1.56	35.2	6.94	610
18	1 x 1.024	1.00	0.38	1.76	22.2	11.01	610
16	1 x 1.290	1.29	0.38	2.05	14.0	17.52	305

