

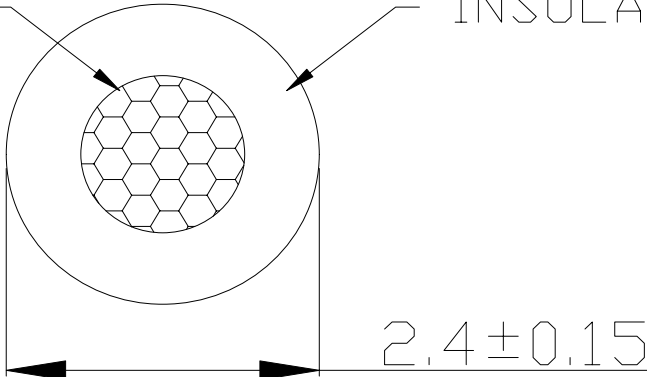


<p><b>Ratings</b> Voltage: 300V Temperature: 80℃</p> <p><b>Conductor</b> Gauge: 16AWG 1.32mm<sup>2</sup> Material: tinned copper strands Strand size: 26/30AWG (ø0.254mm × 26)</p> <p><b>Insulator</b> Material: PVC, 80℃, 87A Nominal thickness: 15 mils (0.38 mm) Outer diameter: 2.4±0.15 mm Durometer: 87 shore A Color: options</p> <p><b>Wire marking:</b> E340038  AWM 1007 16AWG VW-1 80℃ 300V  AWM I A 80℃ 300V FT1 TENG YUAN</p> <p><b>Tests</b> Voltage test: 300 V Spark test: 3.0/4.0 kV Max resistance at 20℃: 14.6 ohm/km Tensile strength: 1.05 kgf/mm<sup>2</sup> After aging at 136±2 °C for 7 days:     Minimum tensile strength: 70 % original     Minimum elongation 65 % original Heat shock: 121±2 °C/1 hour, no observed degradation Deformation: 121±2 °C/1 hour, ≤50 % Cold bend: -10±1℃/1 hour, no observed cracking Flammability: VW-1 Dielectric test: 2000V ac for 1 minute without breakdown</p>			<div><div>CONDUCTOR</div><div>INSULATION</div></div>		
REVISION	DATE	DESCRIPTION	PREPARED AG 2014.06.20	NOTES: RoHS and REACH compliant	<b>HINGTAK WIRE &amp; CABLE LLC</b>  No.22, Road Dabangdi, Daning Community Humen, Dongguan, Guangdong, China <i>Tel</i> (+86)769-87051036 <i>Fax</i> (+86)769-89875569 <i>Mobile:</i> (+86) 13725860789 <a href="http://www.hingtak.com">www.hingtak.com</a>
A	06/20/2018	Initial release	VERIFIED: JM 2014.06.24	Electrical test: no open, no short circuit, no intermittent	
			DIMENSIONS ARE IN MILLIMETERS TOLERANCES: x: ±0.5 mm X.X: ±0.3 mm X.XX: ±0.05 mm	DESCRIPTION: Wire, 1C TS, 16 AWG, UL1007, 300V, 80C, 2.4 mm, VW-1, PVC, 87A	
					<b>PART NUMBER</b> <b>HTW.1007.0009</b>