

# PVC - Type TWP

Automotive Primary Wire

SAE: -40°C to 85°C, 60V, J1128



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
			in	mm	in	mm	lbs/1k ft	kg/km
<b>TWP24</b>	24	7/32	0.016	0.4	0.057	1.4	2	3
<b>TWP22</b>	22	7/30	0.016	0.4	0.062	1.6	3	4
<b>TWP20</b>	20	7/28	0.016	0.4	0.070	1.8	4	6
<b>TWP18</b>	18	19/.0092	0.016	0.4	0.078	2.0	6	9
<b>TWP16</b>	16	19/29	0.016	0.4	0.089	2.3	9	13
<b>TWP14</b>	14	19/27	0.016	0.4	0.103	2.6	14	21
<b>TWP12</b>	12	19/25	0.018	0.5	0.126	3.2	22	33
<b>TWP10</b>	10	19/23	0.020	0.5	0.155	3.9	35	52

## Notes

- Soft-annealed, bare copper conductor
- Polyvinyl chloride (PVC) insulation
- RoHS Compliant
- A variety of insulation colors available

## Alternative Constructions

- Soft-annealed, tinned copper conductor
- Temperature rating up to 105°C

## Available Certifications

SAE: J2549  
Ford: ESB-M1L120A  
Chrysler: MS-7889  
Delphi: ESM-3089

## Applications

For use in automotive and electric motor & generator applications. Rated for continuous use from -40°C up to 85°C.