

GPT Primary Wire

Stranded bare or copper conductors
Premium PVC Insulation.
85°C, 60 Volts.



APPLICATIONS

Southwire's GPT is suitable for use as low voltage primary wire intended for use at nominal system voltages of 60 volts DC(25 volts AC) or less in surface vehicle electrical systems. Type GPT is ideal for nominal applications with limited exposure to fluids and physical abuse experienced during the operation of cars, boats, trucks, buses, tractors, trailers, etc.

SPECIFICATIONS







SAE International Surface Vehicle Standard J-1128.

CONSTRUCTION

Southwire's GPT is manufactured using fully annealed stranded bare copper conductors with premium-grade abrasion, chemical and moisture resistant color-coded Polyvinyl Chloride (PVC) insulation.

SAE Conductor Size (AWG)	Number of Strands	Insulation Thickness		Nominal Overall Diameter	
		mm	inches	mm	inches
20	7 X 28 AWG	0.58	0.023	2.21	0.087
18	16 X 30 AWG	0.58	0.023	2.37	0.093
16	19 X 29 AWG	0.58	0.023	2.67	0.105
14	19 X 27 AWG	0.58	0.023	3.05	0.120
12	19 X 25 AWG	0.66	0.026	3.68	0.145
10	19 X 23 AWG	0.79	0.031	4.52	0.178
8	19 X 21 AWG	0.94	0.037	5.88	0.231

English units are not direct conversions from metrics and are for reference purposes only.

SAE CONDUCTOR SIZE (AWG)	AVAILABLE COLORS
20	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN, ORANGE 
18	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN, PURPLE 
16	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN, ORANGE, GRAY, PURPLE, PINK 
14	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN, ORANGE, GRAY, PURPLE, PINK, BLACK/RED STRIPE 
12	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN, 
10	BLACK, RED, YELLOW, BROWN, BLUE, WHITE, GREEN 
8	BLACK, RED, WHITE 