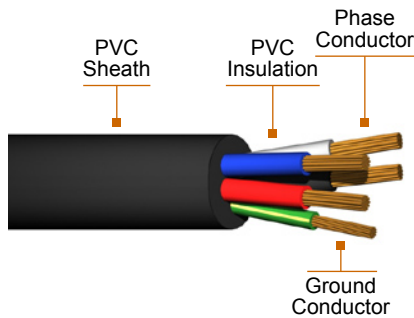


## PD-VCT-G (Table 15 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Flexible Four Core with Ground



### Detail Description or Construction

#### Conductor

Annealed copper, bunch stranded sizes 1 mm<sup>2</sup> up to 35 mm<sup>2</sup> (Phase) sizes 1 mm<sup>2</sup> up to 10 mm<sup>2</sup> (Ground)

#### Insulation

Heat resistant polyvinyl chloride (Phase: Grey, Black, Red and Blue color, Ground: Green with Yellow Stripe color)

#### Sheath

Heat resistant polyvinyl chloride (Black color)

### Application


For mobile-electrical equipment used in mines, factories, farm or house hold appliances. Also for heavy-duty services such as heavy tools, garage portable lights and battery chargers.

Maximum conductor temperature 70°C, circuit voltage does not exceed 750 volts.

### Standards / Testing Specifications

- PD-VCT-G meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

### Marking

PHELPS DODGE 4x(PHASE SIZE)/ (GROUND SIZE) SQ.MM. PD-VCT-G 750V PVC 70°C  TIS 11-2531 TABLE 15.

### Installation

For installation exposed, or in raceway or in underground conduit.



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PHELPS DODGE TYPE LETTER	Phase Core			Ground Core		
	Nominal Sectional Area	Min. Number & Max. Diameter of Wire	Thickness of Insulation	Nominal Sectional Area	Min. Number & Max. Diameter of Wire	Thickness of Insulation
	mm <sup>2</sup>	No. / mm	mm	mm <sup>2</sup>	No. / mm	mm
4x1/1 PD-VCT-G	1	32/0.21	0.8	1	32/0.21	0.6
4x1.5/1 PD-VCT-G	1.5	30/0.26	0.8	1	32/0.21	0.6
4x2.5/1.5 PD-VCT-G	2.5	50/0.26	0.8	1.5	30/0.26	0.6
4x4/2.5 PD-VCT-G	4	56/0.31	0.9	2.5	50/0.26	0.6
4x6/4 PD-VCT-G	6	84/0.31	0.9	4	56/0.31	0.6
4x10/4 PD-VCT-G	10	80/0.41	1.1	4	56/0.31	0.6
4x16/6 PD-VCT-G	16	126/0.41	1.1	6	84/0.31	0.6
4x25/6 PD-VCT-G	25	196/0.41	1.3	6	84/0.31	0.6
4x35/10 PD-VCT-G	35	276/0.41	1.3	10	80/0.41	0.6

C = Packing in coil  
R = Packing in reel



## PD-VCT-G (Table 15 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Flexible Four Core with Ground

PHELPS DODGE TYPE LETTER	Thickness of Sheath	Overall Diameter	Allowable Ampacities Free Air 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
	mm	mm	A	MΩ - km	kg / km	m
4x1/1 PD-VCT-G	1.6	13.0	11.5	0.0127	180	500/R
4x1.5/1 PD-VCT-G	1.6	13.5	15	0.0111	210	500/R
4x2.5/1.5 PD-VCT-G	1.6	16.0	21	0.0092	280	500/R
4x4/2.5 PD-VCT-G	1.8	18.5	28	0.0084	400	500/R
4x6/4 PD-VCT-G	2.0	21.0	36	0.0071	530	500/R
4x10/4 PD-VCT-G	2.2	26.0	50	0.0068	1,080	500/R
4x16/6 PD-VCT-G	2.6	30.5	66	0.0050	1,280	500/R
4x25/6 PD-VCT-G	2.8	36.0	84	0.0048	1,810	500/R
4x35/10 PD-VCT-G	3.1	40.5	104	0.0041	2,430	500/R

C = Packing in coil  
R = Packing in reel