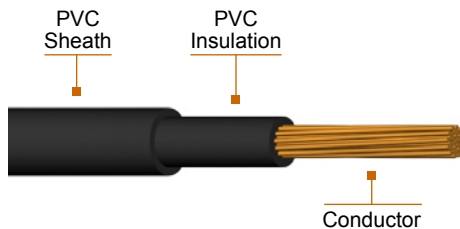


## PD-VCT (Table 9 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Flexible Single Core



### Detail Description or Construction

#### Conductor

Annealed copper, bunch stranded sizes 0.5 mm<sup>2</sup> up to 95 mm<sup>2</sup>

#### Insulation

Heat resistant Polyvinyl Chloride (Black color)

#### Sheath

Heat resistant Polyvinyl Chloride (Black color)

### Application

For mobile-electrical equipment used in mines, factories, farm or house hold appliances. This cable is particularly suitable for use in chemical factories or in places where cables come in contact with oils. Maximum conductor temperature 70°C, circuit voltage does not exceed 750 volts.

### Standards / Testing Specifications

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

### Marking

PHELPS DODGE 1x(SIZE) SQ.MM.  
 PD-VCT 750 V PVC 70°C ⊕ TIS 11-2531  
 TABLE 9.

### Installation

For installation exposed, or in raceway, wet or dry location, or direct burial in ground.



## PD-VCT (Table 9 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Flexible Single Core

PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Min. Number & Max. Diameter of Wire	Thickness of Insulation	Thickness of Sheath	Overall Diameter	Allowable Ampacities Free Air @ 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
	mm <sup>2</sup>	No. / mm	mm	mm	mm	A	MΩ - km	kg / km	m
0.5 PD-VCT	0.5	16/0.21	0.8	1.0	5.4	11	0.0160	27	500/R
0.75 PD-VCT	0.75	24/0.21	0.8	1.0	5.6	14	0.0140	31	500/R
1 PD-VCT	1	32/0.21	0.8	1.2	6.2	16	0.0127	39	500/R
1.5 PD-VCT	1.5	30/0.26	0.8	1.2	6.6	21	0.0111	46	500/R
2.5 PD-VCT	2.5	50/0.26	0.8	1.2	7.4	29	0.0092	59	500/R
4 PD-VCT	4	56/0.31	0.9	1.4	8.6	39	0.0084	87	500/R
6 PD-VCT	6	84/0.31	0.9	1.4	9.4	51	0.0071	114	500/R
10 PD-VCT	10	80/0.41	1.1	1.8	12.0	70	0.0068	190	500/R
16 PD-VCT	16	126/0.41	1.1	1.8	13.5	96	0.0050	256	500/R
25 PD-VCT	25	196/0.41	1.3	2.2	16.0	127	0.0048	391	500/R
35 PD-VCT	35	276/0.41	1.3	2.2	17.5	157	0.0041	504	500/R
50 PD-VCT	50	396/0.41	1.5	2.6	21.0	191	0.0040	770	500/R
70 PD-VCT	70	360/0.51	1.5	2.6	23.0	244	0.0034	974	500/R
95 PD-VCT	95	475/0.51	1.7	3.0	26.5	297	0.0034	1,242	500/R

C = Packing in coil  
R = Packing in reel