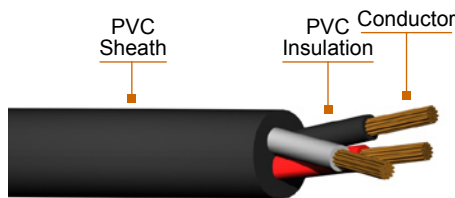


PD-VCT (Table 9 of TIS 11-2531 Standard)

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



Detail Description or Construction

Conductor

Annealed copper, bunch stranded
sizes 0.5 mm² up to 35 mm²

Insulation

Heat resistant Polyvinyl Chloride
(Grey, Black and Red 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 3x(SIZE) SQ.MM.
PD-VCT 750V PVC 70°C ⊕ TIS 11-2531
TABLE 9.

Installation

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



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

750 V 70°C PVC Insulated and Sheathed, Flexible Three 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 ²	No. / mm	mm	mm	mm	A	MΩ - km	kg / km	m
3 x 0.5 PD-VCT	0.5	16/0.21	0.8	1.2	9.2	6.5	0.0160	69	500/R
3 x 0.75 PD-VCT	0.75	24/0.21	0.8	1.2	9.6	9	0.0140	81	500/R
3 x 1 PD-VCT	1	32/0.21	0.8	1.4	10.5	11.5	0.0127	100	500/R
3 x 1.5 PD-VCT	1.5	30/0.26	0.8	1.4	11.5	15	0.0111	119	500/R
3 x 2.5 PD-VCT	2.5	50/0.26	0.8	1.4	13.0	21	0.0092	170	500/R
3 x 4 PD-VCT	4	56/0.31	0.9	1.6	15.5	28	0.0084	244	500/R
3 x 6 PD-VCT	6	84/0.31	0.9	1.8	17.5	36	0.0071	347	500/R
3 x 10 PD-VCT	10	80/0.41	1.1	2.0	21.5	50	0.0068	548	500/R
3 x 16 PD-VCT	16	126/0.41	1.1	2.4	25.0	66	0.0050	791	500/R
3 x 25 PD-VCT	25	196/0.41	1.3	2.6	30.0	84	0.0048	1,151	500/R
3 x 35 PD-VCT	35	276/0.41	1.3	2.8	33.5	104	0.0041	1,540	500/R

C = Packing in coil
R = Packing in reel