

## PD - VTF (Table 10 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated Twisted, Flexible Two Core



### Detail Description or Construction

#### Conductor

Annealed copper, bunch stranded sizes 0.5 mm<sup>2</sup> up to 2.5 mm<sup>2</sup>

#### Insulation

Heat resistant Polyvinyl Chloride (Grey and Black color)

### Application

Mainly used for small indoor electrical appliances such as desk-lamps, radios, fans, electric hot plates etc.

Maximum conductor temperature 70°C, circuit voltage does not exceed 300 volts.

### Standards / Testing Specifications

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

### Marking

Each core

PHELPS DODGE 1x(SIZE) SQ.MM. PD-VTF 300 V PVC 70°C ⊕ TIS 11-2531 TABLE 10.

In case both cores have the same color, one of them will be marked with a stripe between each marking legend.

### Installation

For small indoor electrical appliance.



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PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Min. Number & Max. Diameter of Wire	Thickness of Insulation	Overall Insulation Diameter (max)	Allowable Ampacities Free Air @ 40°C	Minimum insulation resistance @ 70°C	Cable Weight (approx)	Standard Packing
	mm <sup>2</sup>	No./ mm	mm	mm	A	MΩ / km	kg / km	m
2/C 0.5 PD-VTF	0.5	28/0.16	0.8	3.2	11	0.0160	24	100/C
2/C 0.5 PD-VTF	0.5	16/0.21	0.8	3.2	11	0.0160	24	100/C
2/C 0.75 PD-VTF	0.75	42/0.16	0.8	3.4	14	0.0140	30	100/C
2/C 0.75 PD-VTF	0.75	24/0.21	0.8	3.4	14	0.0140	30	100/C
2/C 1 PD-VTF	1	32/0.21	0.8	3.6	16	0.0127	36	100/C
2/C 1.5 PD-VTF	1.5	30/0.26	0.8	3.9	21	0.0111	47	100/C
2/C 2.5 PD-VTF	2.5	50/0.26	0.8	4.8	29	0.0092	70	100/C

C = Packing in coil  
R = Packing in reel