

### Application :

Building wiring for installation on insulator or in raceway, dry and wet location.

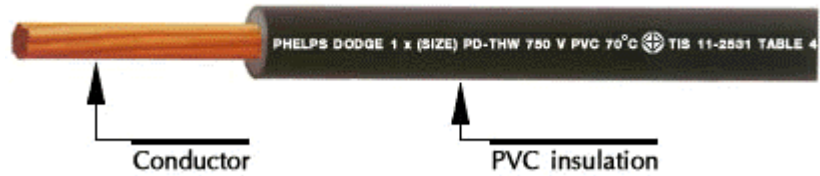
### Classification :

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

### Equivalent :

TIS 11-2531 TABLE 4

## PHELPS DODGE CONDUCTOR PD-THW (MEA TYPE A) 750 V 70°C PVC INSULATED SINGLE CORE



### Construction :

- Conductor : Annealed copper, solid or stranded  
Sizes 0.5 mm<sup>2</sup> up to 500 mm<sup>2</sup>
- Insulation : Heat resistance polyvinyl chloride (Any colour as requested)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm <sup>2</sup>	Number & diameter of wire No. / mm	Thickness of insulation mm	Overall diameter mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
0.5 PD-THW	0.5	1/0.80	0.8	3.0	11	0.0175	11	100/C
1 PD-THW	1	1/1.13	0.8	3.3	16	0.0141	17	100/C
1 PD-THW	1	7/0.40	0.8	3.5	16	0.0135	17	100/C
1.5 PD-THW	1.5	1/1.38	0.8	3.6	21	0.0123	22	100/C
1.5 PD-THW	1.5	7/0.50	0.8	3.8	21	0.0116	22	100/C
2.5 PD-THW	2.5	1/1.78	0.8	4.0	29	0.0102	31	100/C
2.5 PD-THW	2.5	7/0.67	0.8	4.3	29	0.0093	31	100/C
4 PD-THW	4	1/2.25	0.9	4.8	39	0.0094	50	100/C
4 PD-THW	4	7/0.85	0.9	5.2	39	0.0085	50	100/C
6 PD-THW	6	7/1.04	0.9	5.8	51	0.0073	75	100/C
10 PD-THW	10	7/1.35	1.1	7.2	70	0.0069	120	100/C
16 PD-THW	16	7/1.70	1.1	8.4	96	0.0057	180	100/C

C = Packing in coil

R = Packing in reel